

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016505.D
 Acq On : 22 Aug 2018 04:07
 Operator : SJ/JU
 Sample : PB112247BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:07 PM

Quant Time: Aug 22 04:52:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	164366	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	595770	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	518382	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1751877	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2931670	20.00	ng	0.00
86) Perylene-d12	23.83	264	3077320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1491876	177.86	ng	0.00
7) Phenol-d6	7.20	99	1953042	175.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	1602254	122.79	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	3779025	260.78	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	7349529	136.28	ng	0.00
78) Terphenyl-d14	19.99	244	14035756	101.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	149350	32.230	ng	# 100
3) Pyridine	3.80	79	338816	35.143	ng	# 81
4) n-Nitrosodimethylamine	3.73	42	212590	49.496	ng	# 72
6) Aniline	7.36	93	483934	38.963	ng	# 89
8) 2-Chlorophenol	7.59	128	513925	51.492	ng	# 95
9) Benzaldehyde	7.17	77	227009	29.471	ng	# 79
10) Phenol	7.23	94	549730	50.082	ng	# 90
11) bis(2-Chloroethyl)ether	7.45	93	349752	42.491	ng	# 99
12) 1,3-Dichlorobenzene	7.90	146	583585	44.102	ng	# 89
13) 1,4-Dichlorobenzene	8.05	146	587354	43.251	ng	# 99
14) 1,2-Dichlorobenzene	8.37	146	610029	45.723	ng	# 97
15) Benzyl Alcohol	8.28	79	470687	45.665	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.54	45	214407	37.829	ng	# 41
17) 2-Methylphenol	8.47	107	387510	48.751	ng	# 76
18) Hexachloroethane	9.08	117	271071	43.328	ng	# 40
19) n-Nitroso-di-n-propylamine	8.84	70	388193	44.609	ng	# 86
20) 3+4-Methylphenols	8.82	107	538435	48.992	ng	# 81
22) Acetophenone	8.86	105	767918	53.528	ng	# 97
24) Nitrobenzene	9.25	77	655344	50.267	ng	# 90
25) Isophorone	9.77	82	1066031	61.129	ng	# 96
26) 2-Nitrophenol	9.96	139	302584	54.290	ng	# 54
27) 2,4-Dimethylphenol	10.01	122	477010	65.674	ng	# 80
28) bis(2-Chloroethoxy)methane	10.25	93	568353	54.597	ng	# 94
29) 2,4-Dichlorophenol	10.49	162	761908	70.089	ng	# 93
30) 1,2,4-Trichlorobenzene	10.69	180	1096898	66.499	ng	# 94
31) Naphthalene	10.87	128	1594236	56.165	ng	# 98
32) Benzoic acid	10.25	122	336127	55.310	ng	# 74
33) 4-Chloroaniline	11.01	127	333045	27.880	ng	# 89
34) Hexachlorobutadiene	11.13	225	960275	60.994	ng	# 95
35) Caprolactam	11.85	113	148474m	56.920	ng	# 99
36) 4-Chloro-3-methylphenol	12.14	107	600907	57.499	ng	# 89
37) 2-Methylnaphthalene	12.49	142	1473799	66.324	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1662663	56.791	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	1940701	121.579	ng	# 100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016505.D
 Acq On : 22 Aug 2018 04:07
 Operator : SJ/JU
 Sample : PB112247BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

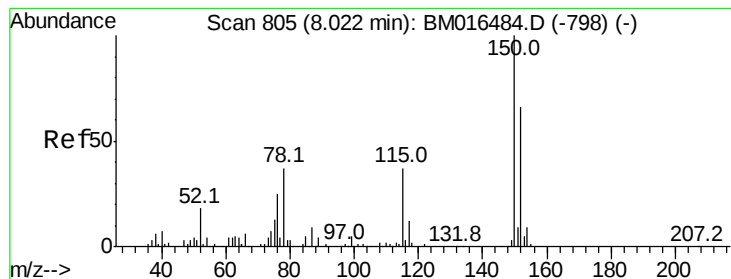
Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:07 PM

Quant Time: Aug 22 04:52:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	1062411	60.684	nq	99
43) 2,4,5-Trichlorophenol	13.19	196	1089221m	63.692	nq	
45) 1,1'-Biphenyl	13.49	154	2271244	49.968	nq	99
46) 2-Chloronaphthalene	13.55	162	1901974	51.504	nq	97
47) 2-Nitroaniline	13.77	65	425484	43.257	nq	92
48) Acenaphthylene	14.39	152	2931125	56.230	nq	100
49) Dimethylphthalate	14.13	163	2797325	56.168	nq	# 98
50) 2,6-Dinitrotoluene	14.27	165	563965	58.057	nq	94
51) Acenaphthene	14.73	154	1721684	53.761	nq	99
52) 3-Nitroaniline	14.61	138	257828	29.170	nq	92
53) 2,4-Dinitrophenol	14.83	184	784894	161.460	nq	# 69
54) Dibenzofuran	15.06	168	3717261	60.635	nq	98
55) 4-Nitrophenol	14.92	139	616588	109.373	nq	# 80
56) 2,4-Dinitrotoluene	15.06	165	968862	59.813	nq	# 90
57) Fluorene	15.71	166	2979305	64.332	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	1071638	65.198	nq	# 100
59) Diethylphthalate	15.48	149	2724022	52.458	nq	# 93
60) 4-Chlorophenyl-phenylether	15.70	204	2279957	58.705	nq	# 85
61) 4-Nitroaniline	15.78	138	399739	46.276	nq	# 1
62) Azobenzene	15.99	77	2684395	48.534	nq	87
64) 4,6-Dinitro-2-methylphenol	15.83	198	665961	50.030	nq	# 55
65) n-Nitrosodiphenylamine	15.92	169	2574859	52.245	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	1443778	53.636	nq	99
67) Hexachlorobenzene	16.71	284	1707599	54.397	nq	97
68) Atrazine	16.87	200	1508348	67.062	nq	91
69) Pentachlorophenol	17.06	266	1758498	105.873	nq	99
70) Phenanthrene	17.44	178	5465572	60.362	nq	99
71) Anthracene	17.54	178	5659812	62.948	nq	99
72) Carbazole	17.82	167	4249230	52.588	nq	97
73) Di-n-butylphthalate	18.34	149	5114898	51.922	nq	# 98
74) Fluoranthene	19.44	202	8561632	64.489	nq	94
76) Benzidine	19.64	184	4887438	86.689	nq	99
77) Pyrene	19.80	202	8808407	55.286	nq	99
79) Butylbenzylphthalate	20.67	149	2790891	50.748	nq	# 90
80) Benzo(a)anthracene	21.53	228	9966057	57.822	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	2386981	31.112	nq	# 95
82) Chrysene	21.59	228	9232913	56.144	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	4332639	52.995	nq	# 97
84) Di-n-octyl phthalate	22.31	149	7727839	56.879	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.17	276	13407162	56.690	nq	# 92
87) Benzo(b)fluoranthene	23.15	252	11088460	62.508	nq	# 91
88) Benzo(k)fluoranthene	23.19	252	10866260	60.203	nq	# 92
89) Benzo(a)pyrene	23.74	252	10563823	61.202	nq	# 95
90) Dibenzo(a,h)anthracene	26.17	278	11540256	59.658	nq	# 88
91) Benzo(g,h,i)perylene	26.89	276	9736881	56.075	nq	# 81

(#) = qualifier out of range (m) = manual integration (+) = signals summed



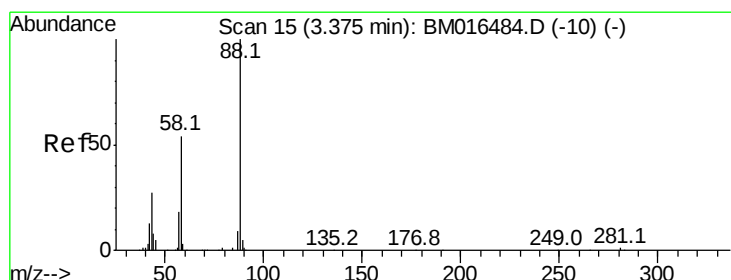
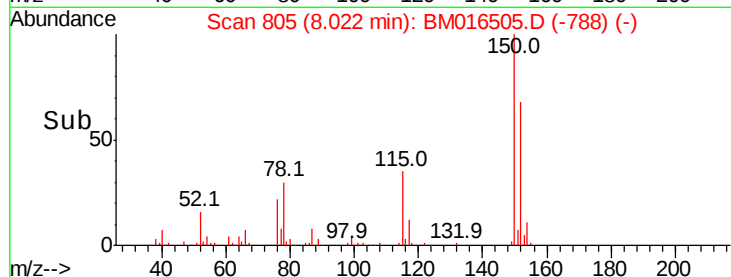
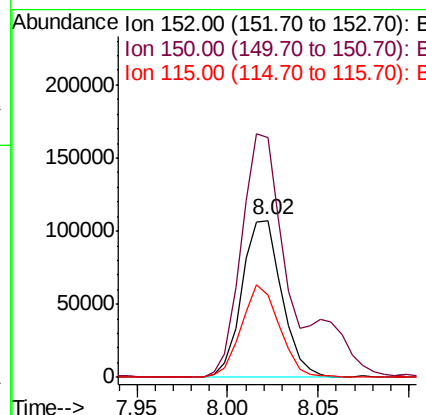
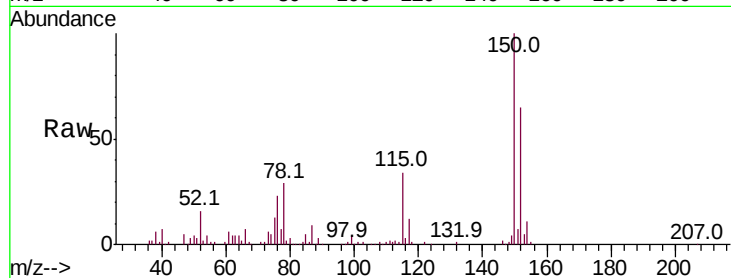
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	52.3	43.0	64.4

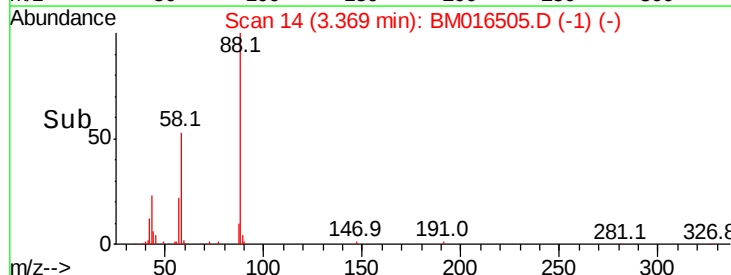
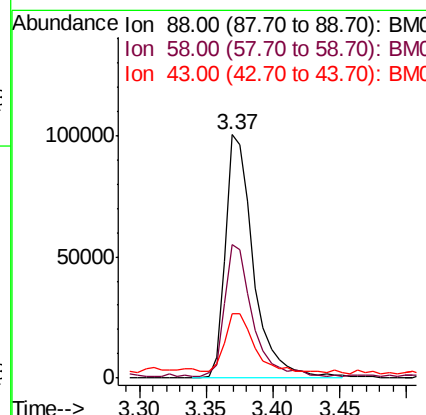
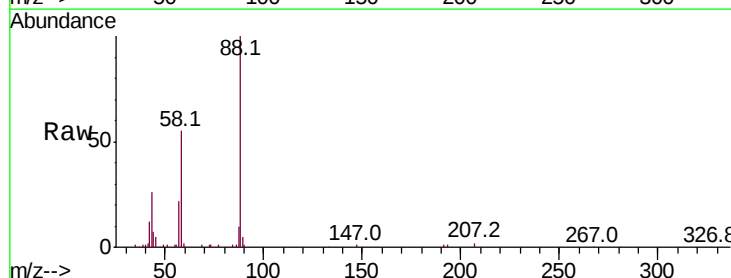
Manual Integrations
 APPROVED

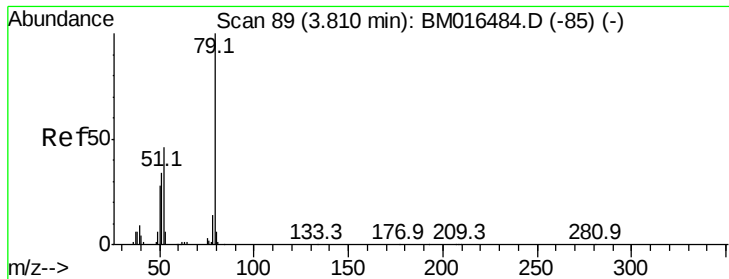
Sohil
 8/22/2018 6:07:07 PM



#2
 1,4-Dioxane
 Concen: 32.230 ng
 RT: 3.37 min Scan# 14
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.3	0.0	0.0#
43	23.7	0.0	0.0#





#3

Pvridine

Concen: 35.143 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

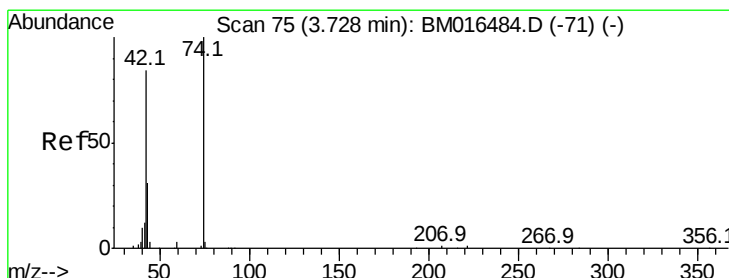
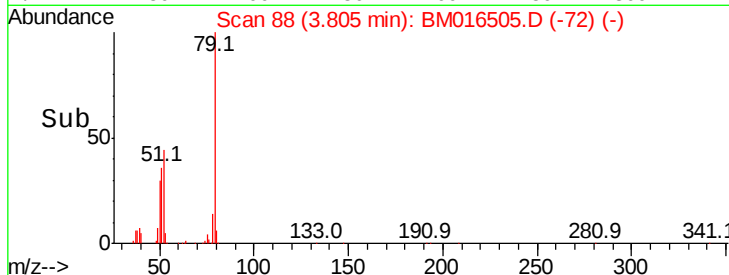
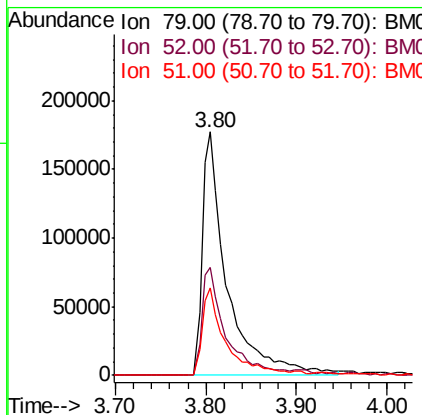
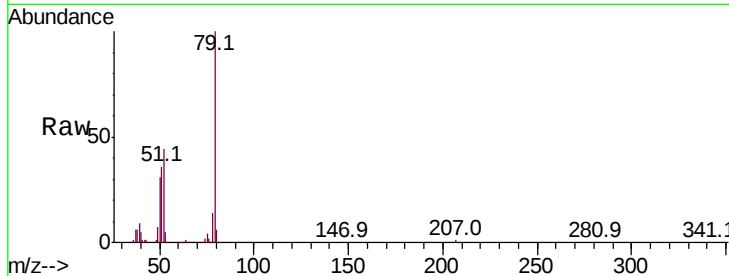
ClientSampleId :

PB112247BS

Tot Ion:	79	Resp:	338816
Ion Ratio	Lower	Upper	
79	100		
52	44.4	51.1	76.7#
51	36.0	26.1	39.1

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#4

n-Nitrosodimethylamine

Concen: 49.496 ng

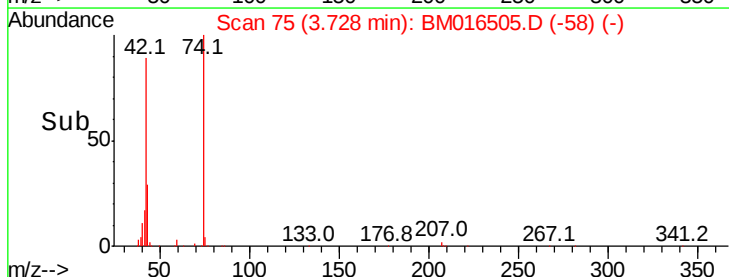
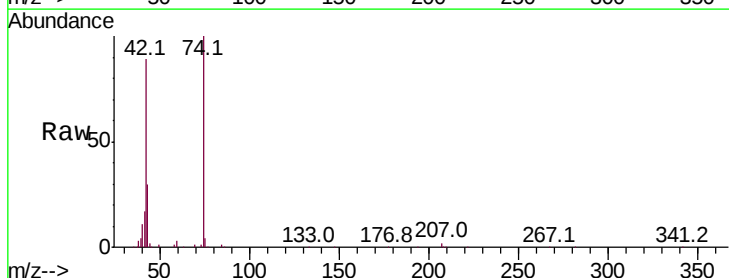
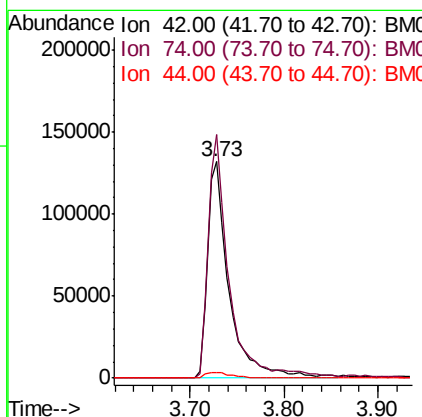
RT: 3.73 min Scan# 75

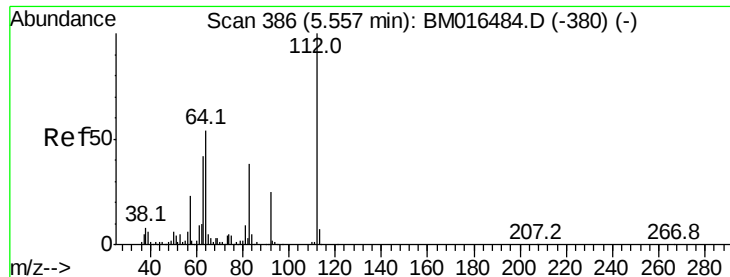
Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion:	42	Resp:	212590
Ion Ratio	Lower	Upper	
42	100		
74	112.5	119.3	178.9#
44	2.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 49.496 ng

RT: 5.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

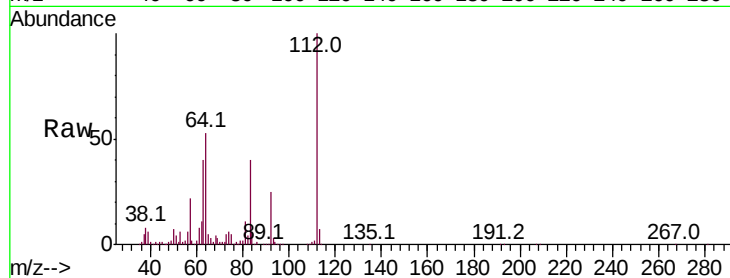
ClientSampled :

PB112247BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	52.7	38.6	57.8
63	40.5	19.3	28.9

Manual Integrations
APPROVED

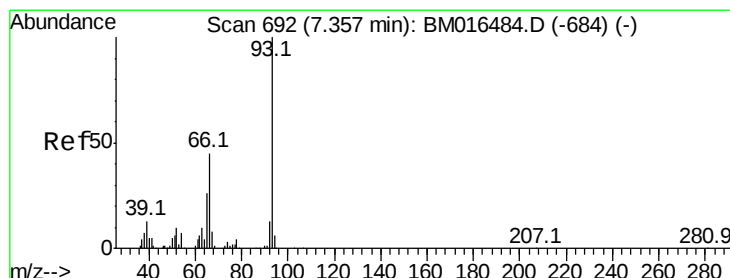
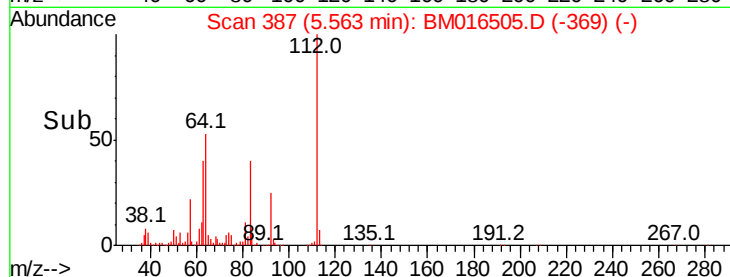
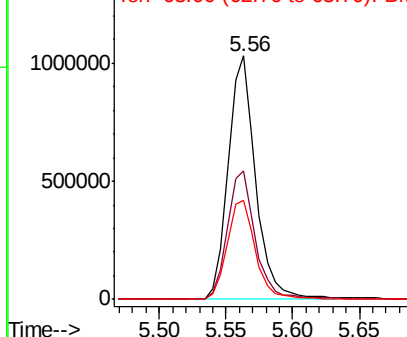
Sohil
8/22/2018 6:07:07 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.963 ng

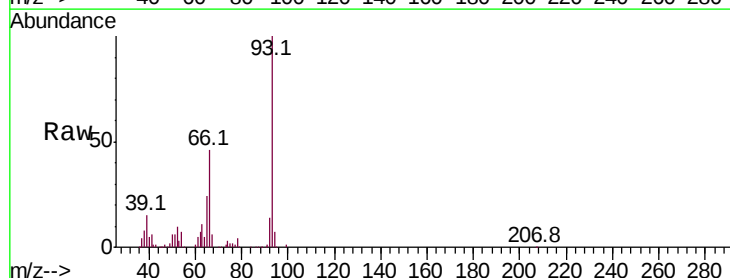
RT: 7.36 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

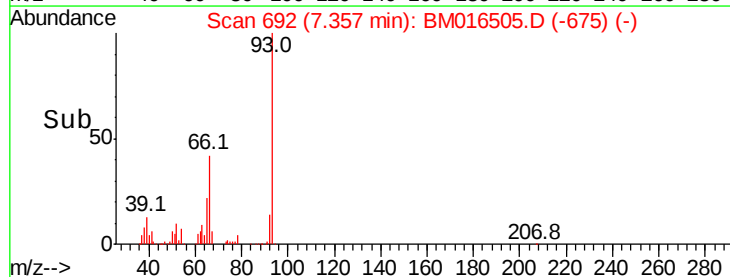
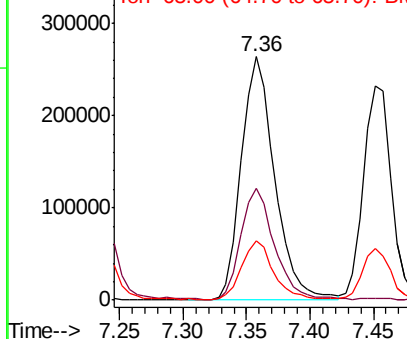
Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.9	30.8	46.2
65	24.4	16.0	24.0

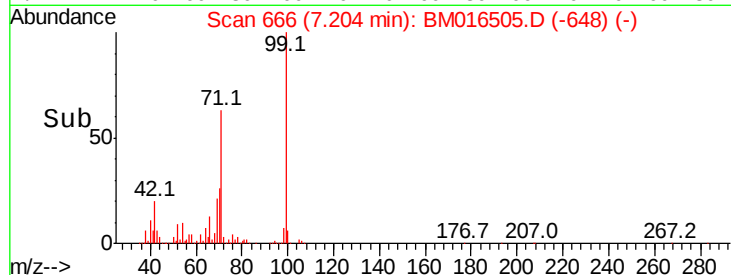
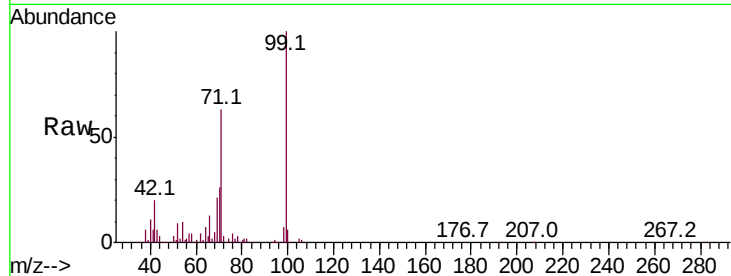
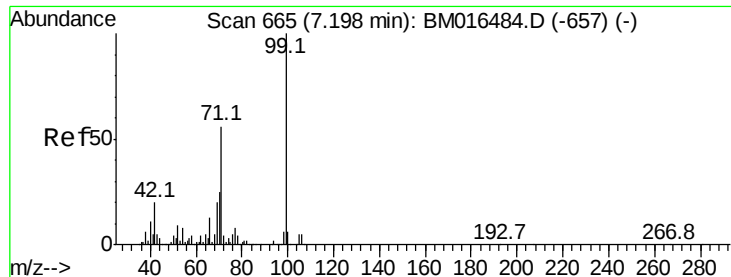


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 38.963 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tot Ion	99	Ratio	100	Resp	1953042	Lower	Upper
99	100						
42	20.3			11.0	16.4#		
71	62.7			23.4	35.2#		

Instrument :

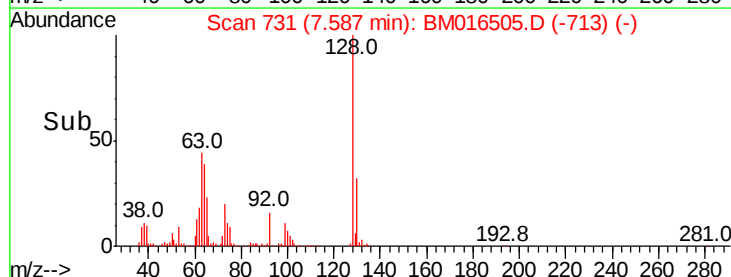
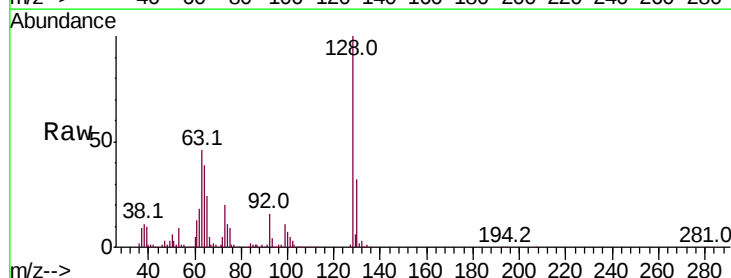
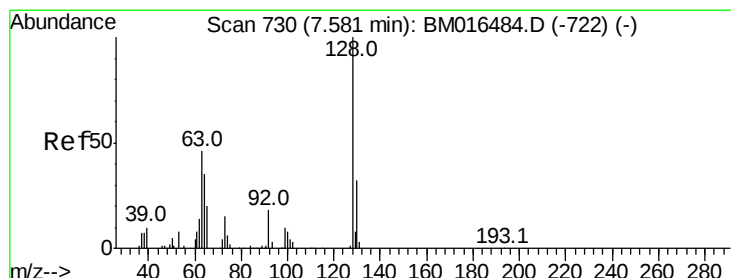
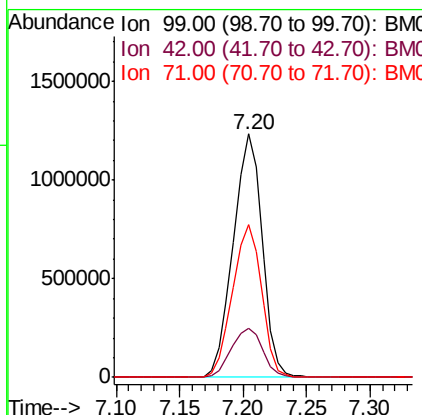
BNA_M

ClientSampleId :

PB112247BS

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#8

2-Chlorophenol

Concen: 51.492 ng

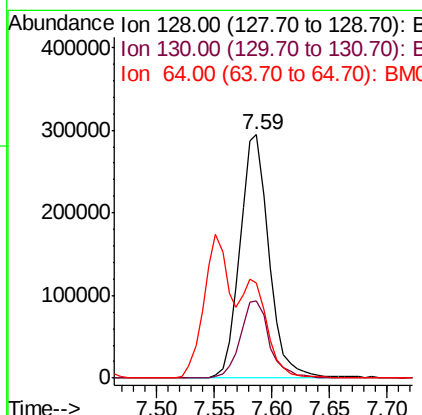
RT: 7.59 min Scan# 731

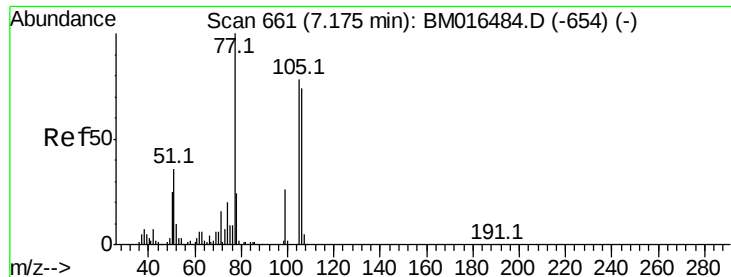
Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion	128	Ratio	100	Resp	513925	Lower	Upper
128	100						
130	31.8			12.0	52.0		
64	39.0			24.9	64.9		





#9

Benzaldehyde

Concen: 29.471 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

ClientSampled :

PB112247BS

Tot Ion: 77 Resp: 227009

Ion Ratio Lower Upper

77 100

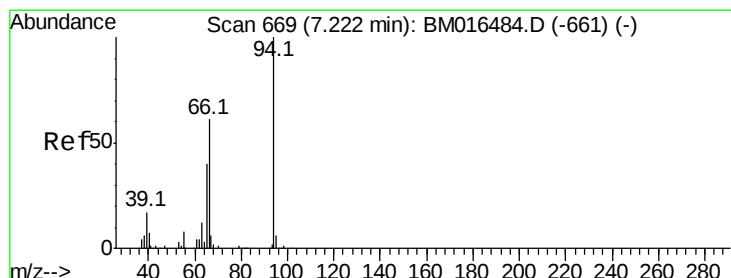
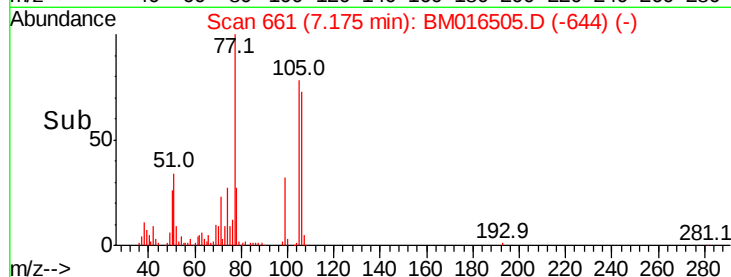
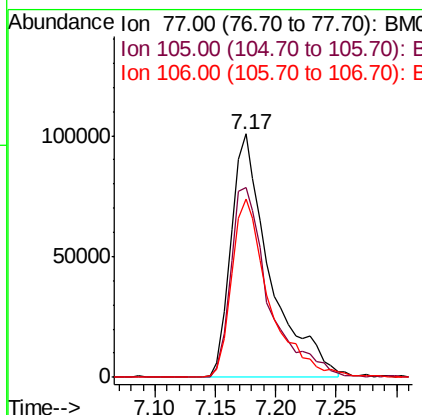
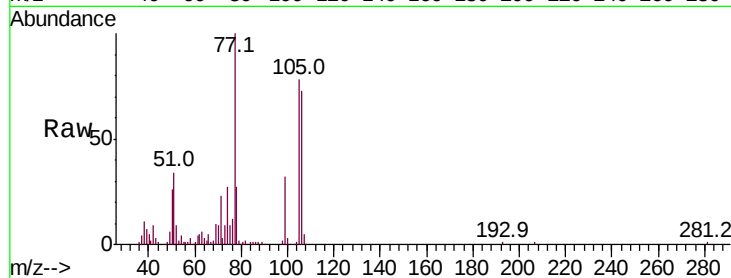
105 77.9 78.8 118.8#

106 73.0 73.7 113.7#

Manual Integrations
APPROVED

Sohil

8/22/2018 6:07:07 PM



#10

Phenol

Concen: 50.082 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

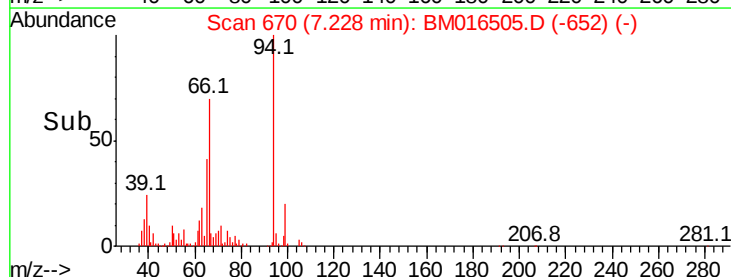
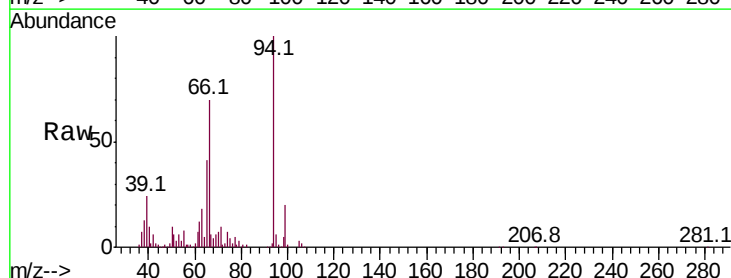
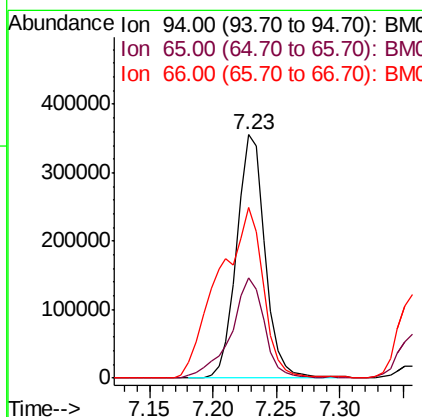
Tgt Ion: 94 Resp: 549730

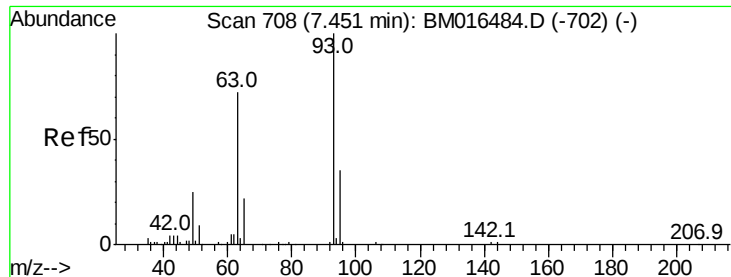
Ion Ratio Lower Upper

94 100

65 41.4 18.8 58.8

66 70.3 39.9 79.9





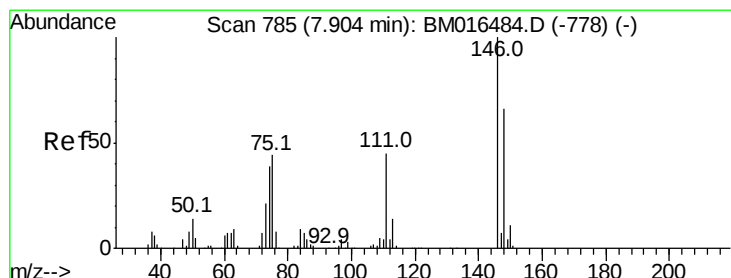
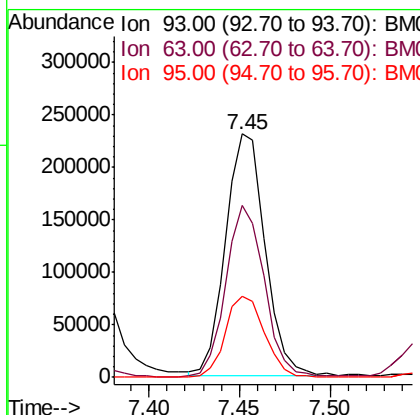
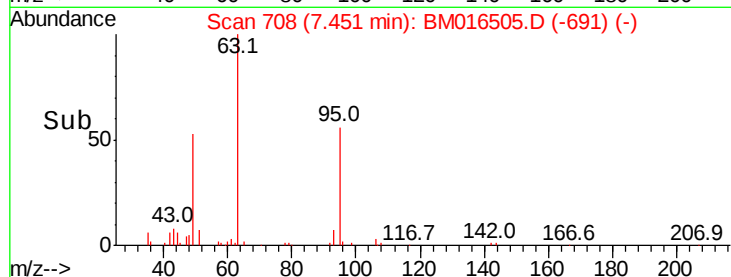
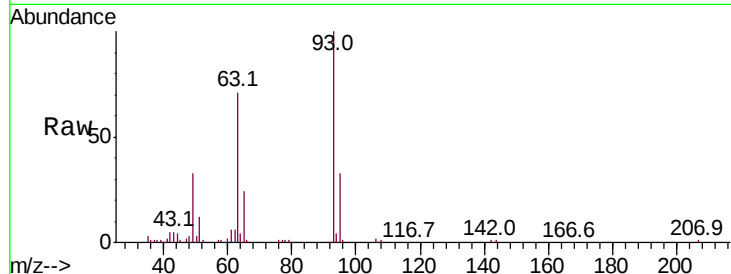
#11
bis(2-Chloroethyl)ether
Concen: 42.491 ng
RT: 7.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	349752		
63	70.8	49.5	89.5	
95	33.5	13.5	53.5	

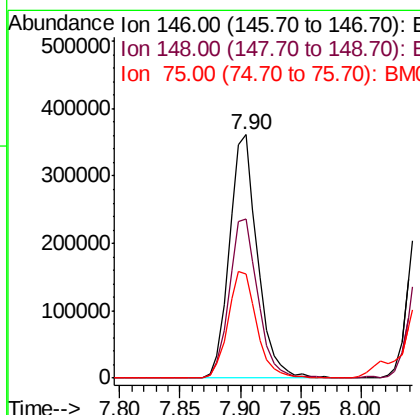
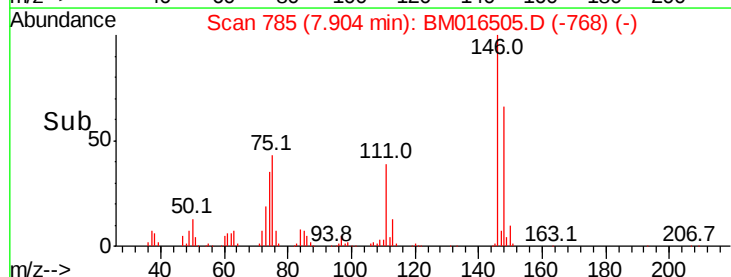
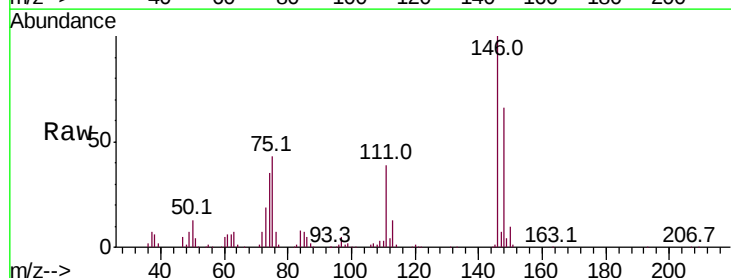
Manual Integrations
APPROVED

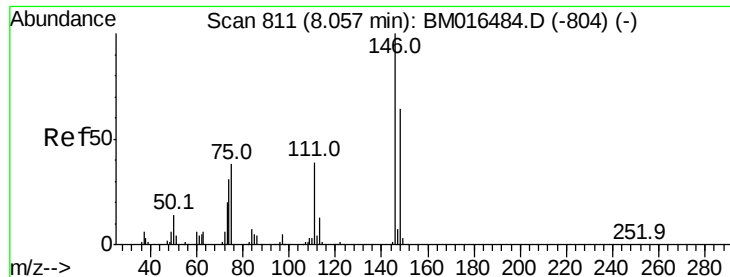
Sohil
8/22/2018 6:07:07 PM



#12
1,3-Dichlorobenzene
Concen: 44.102 ng
RT: 7.90 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	583585		
148	65.5	50.9	76.3	
75	42.8	21.4	32.2	





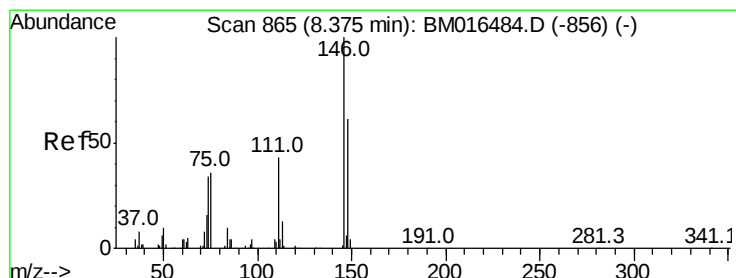
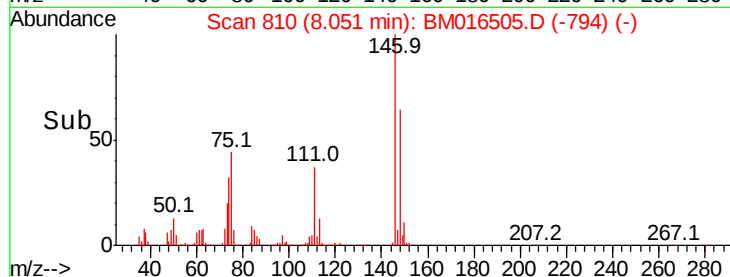
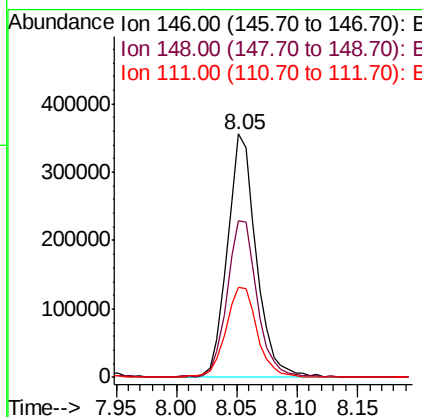
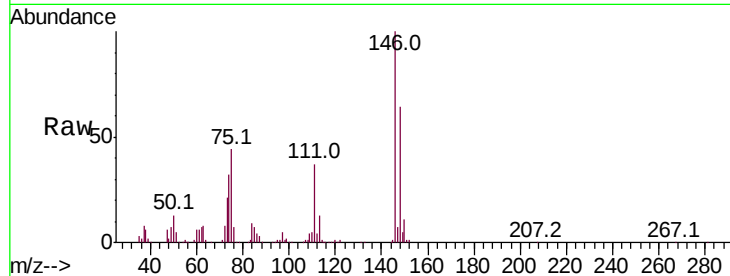
#13
1,4-Dichlorobenzene
Concen: 43.251 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	587354		
148	64.4	51.9	77.9	
111	37.2	29.2	43.8	

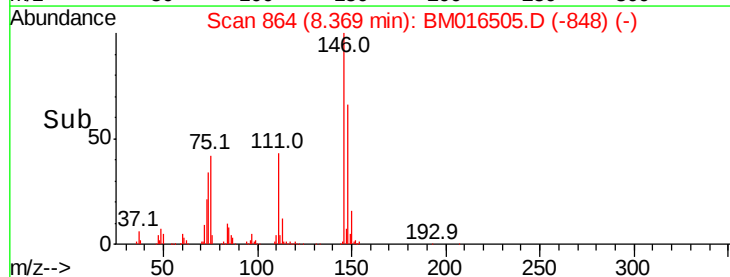
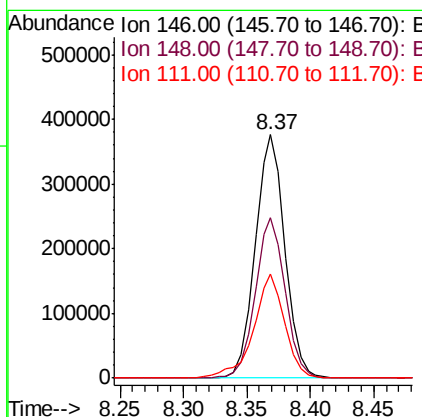
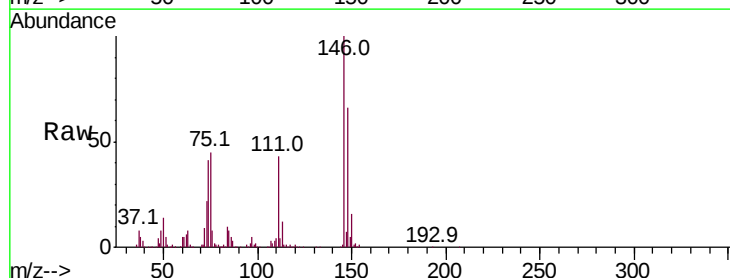
Manual Integrations
APPROVED

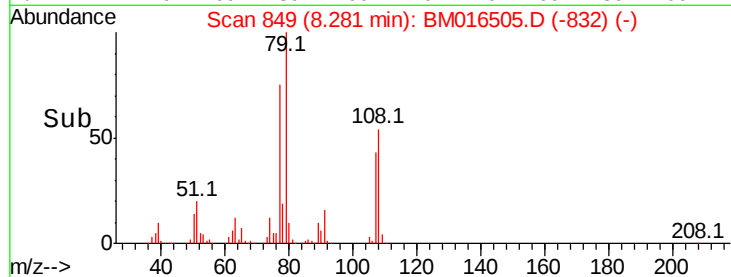
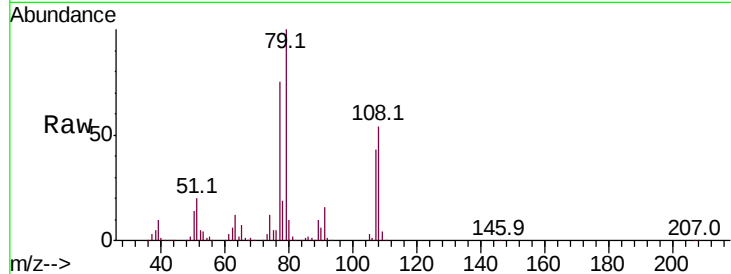
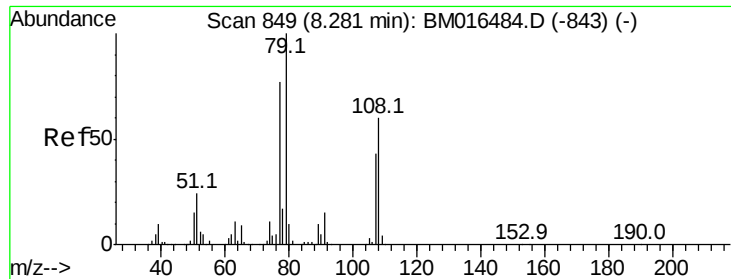
Sohil
8/22/2018 6:07:07 PM



#14
1,2-Dichlorobenzene
Concen: 45.723 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	610029		
148	66.1	52.3	78.5	
111	42.7	30.6	45.8	





#15

Benzyl Alcohol

Concen: 45.665 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tot Ion:	79	Resp:	470687
Ion Ratio	Lower	Upper	
79	100		
108	54.1	65.0	97.4#
77	75.0	53.0	79.6

Instrument :

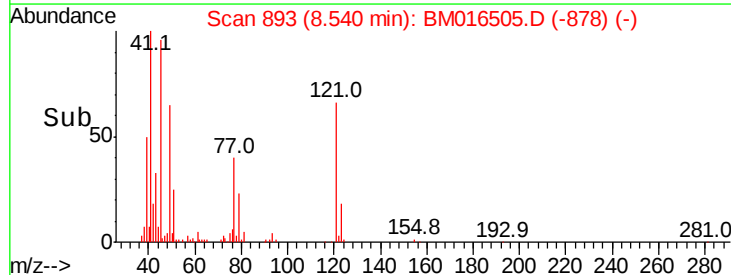
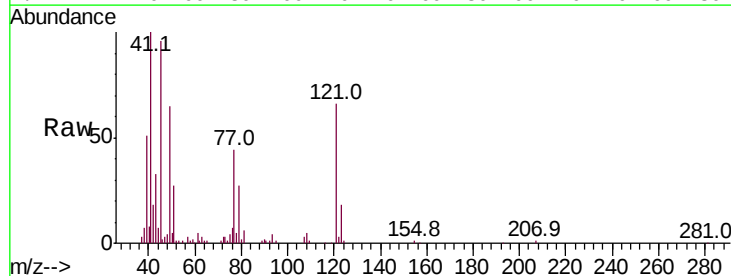
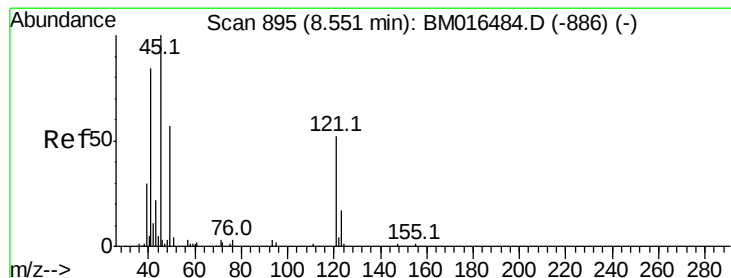
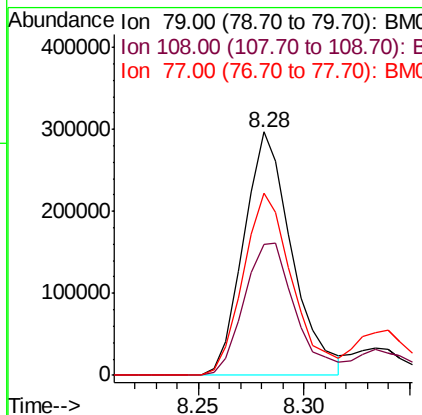
BNA_M

ClientSampled :

PB112247BS

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.829 ng

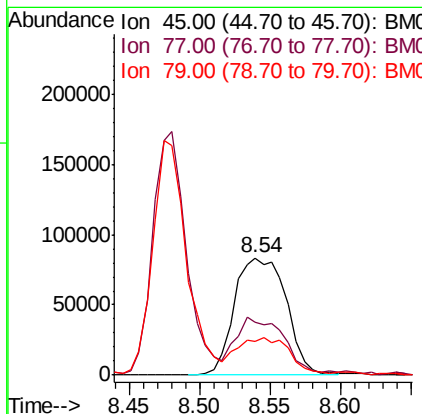
RT: 8.54 min Scan# 893

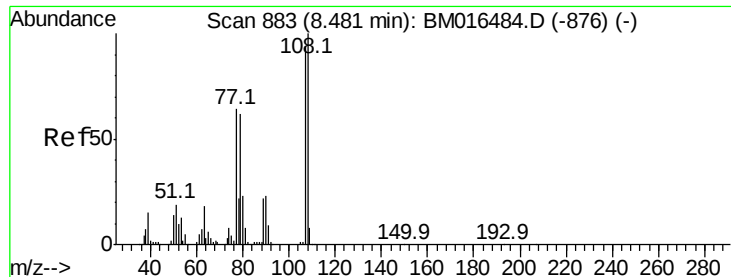
Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion:	45	Resp:	214407
Ion Ratio	Lower	Upper	
45	100		
77	45.2	0.0	35.2#
79	28.5	0.0	32.0





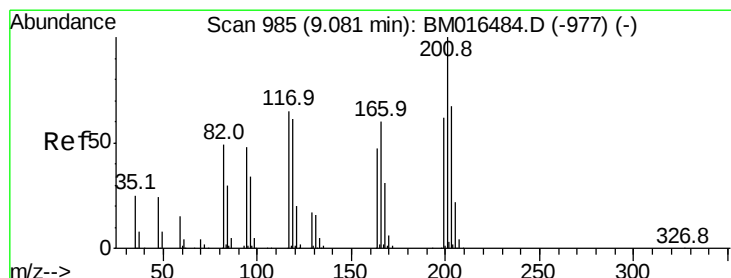
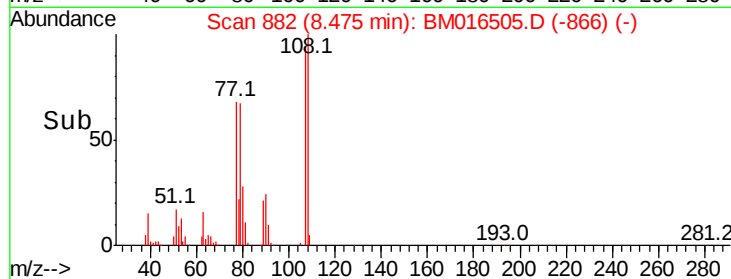
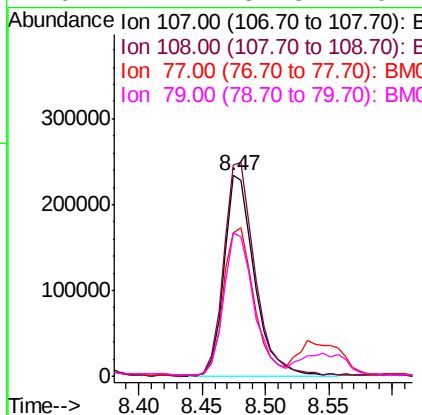
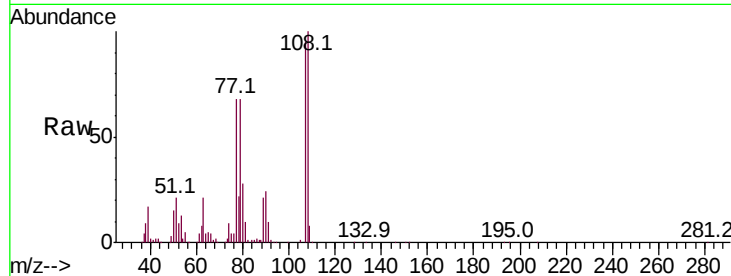
#17
2-Methylphenol
Concen: 48.751 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.4	89.8	134.8	
77	71.6	32.6	48.8#	
79	71.4	32.8	49.2#	

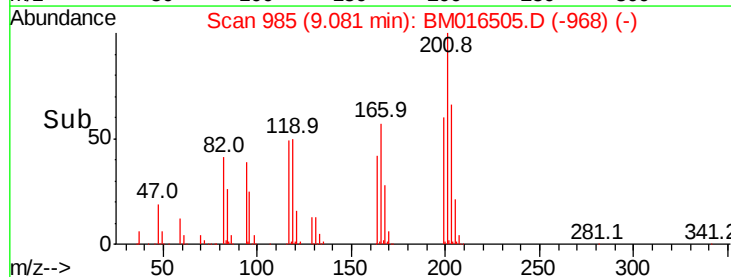
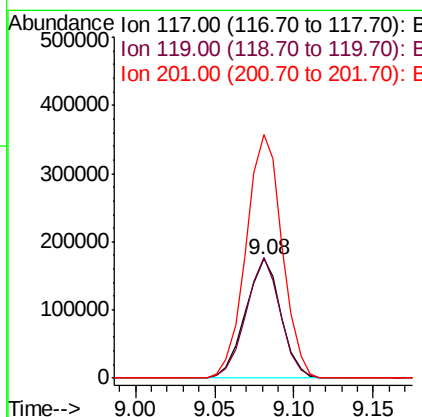
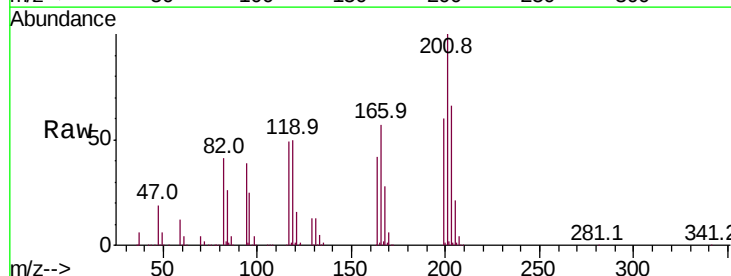
Manual Integrations
APPROVED

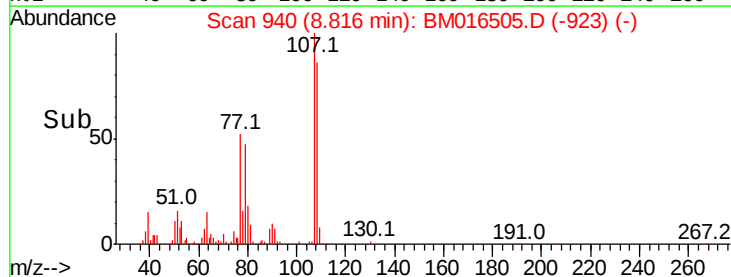
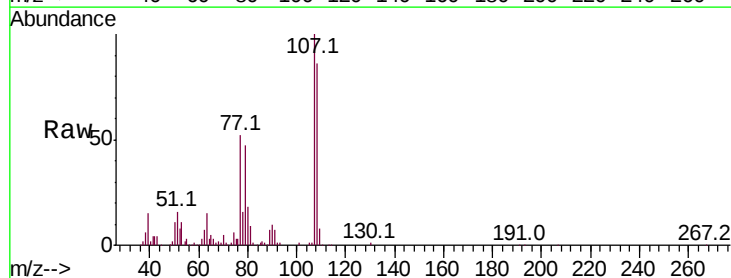
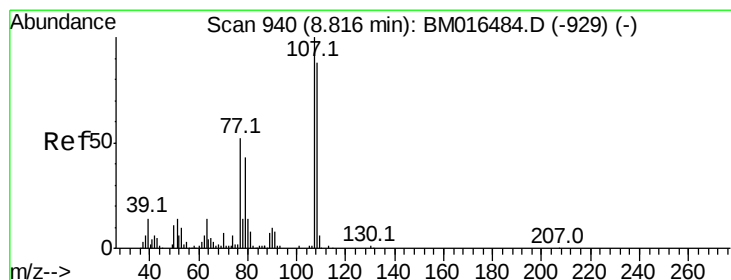
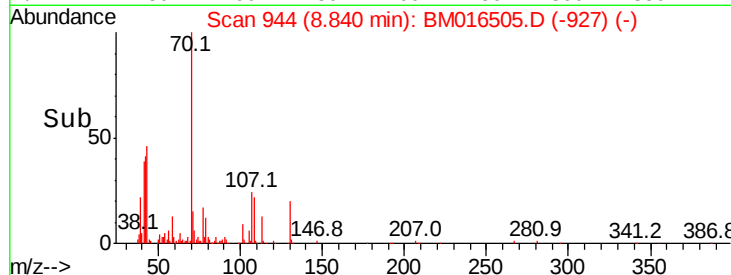
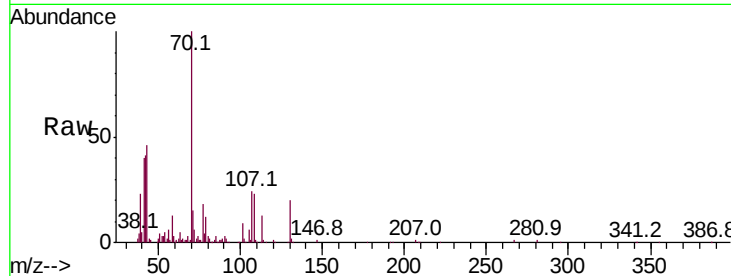
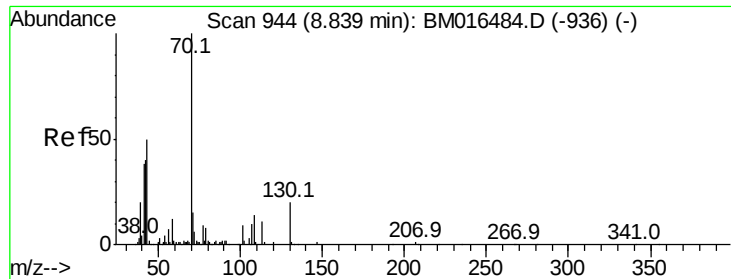
Sohil
8/22/2018 6:07:07 PM



#18
Hexachloroethane
Concen: 43.328 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.1	79.2	118.8	
201	203.9	69.8	104.6#	





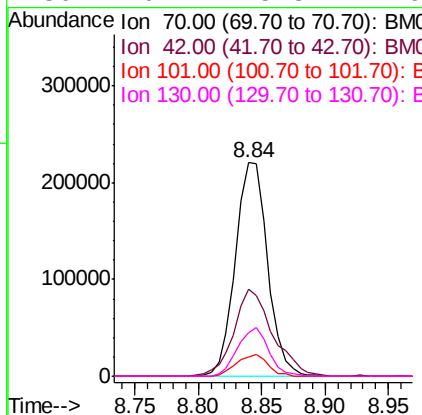
#19
n-Nitroso-di-n-propylamine
Concen: 44.609 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.6	44.5	66.7#		
101	8.8	7.4	11.2		
130	20.4	15.3	22.9		

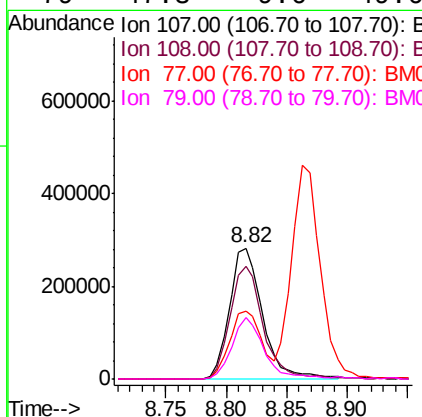
Manual Integrations
APPROVED

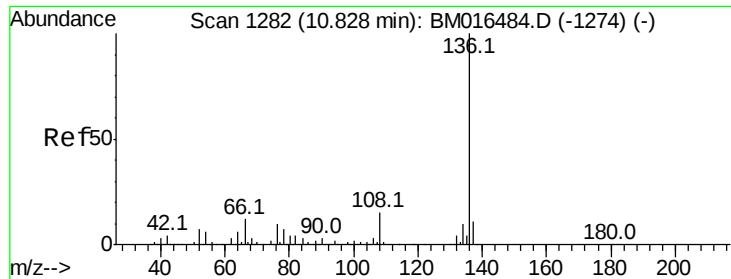
Sohil
8/22/2018 6:07:07 PM



#20
3+4-Methylphenols
Concen: 48.992 ng
RT: 8.82 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.0	73.2	113.2		
77	51.8	10.7	50.7#		
79	47.3	9.6	49.6		





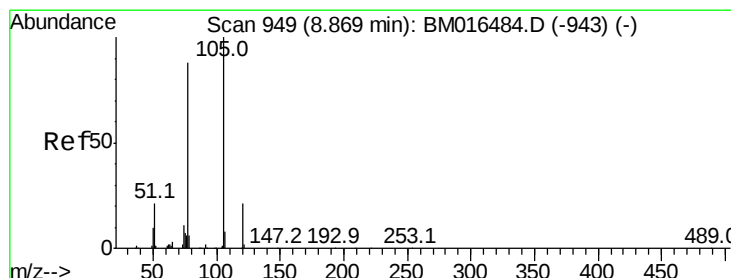
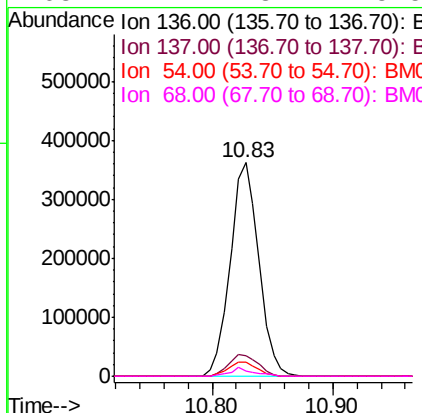
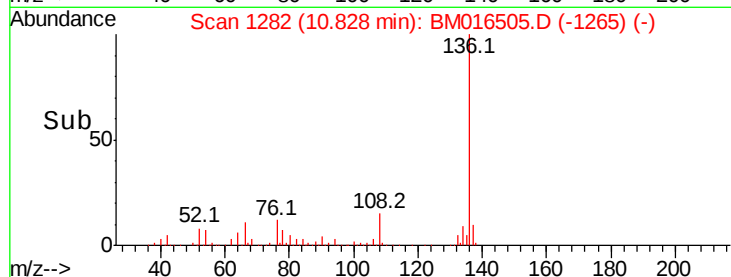
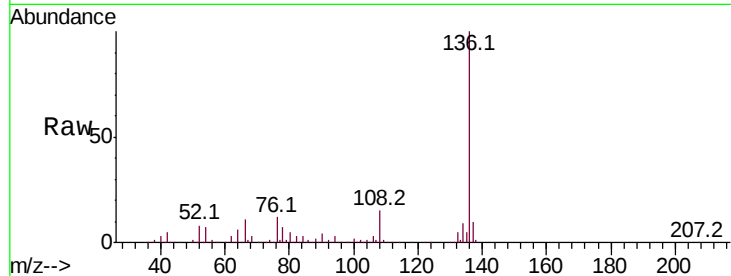
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	595770		
137	9.7	8.7	13.1	
54	6.6	4.6	6.8	
68	2.7	3.7	5.5#	

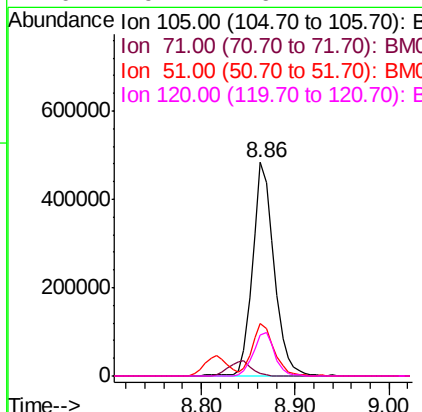
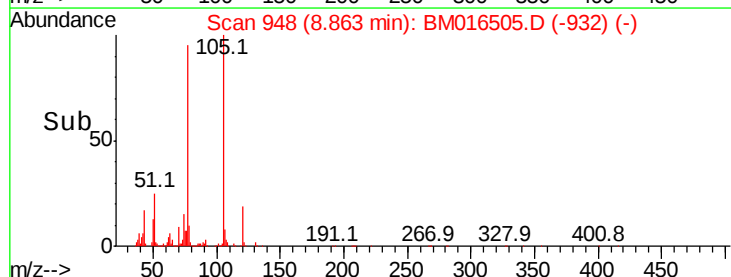
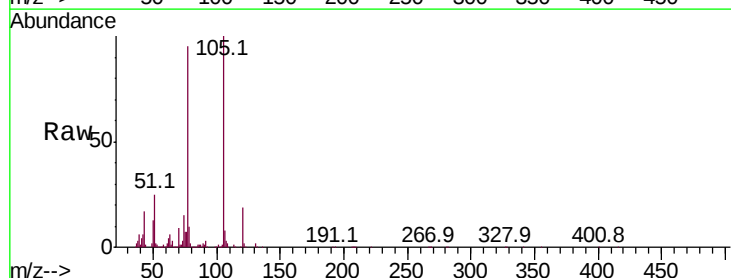
Manual Integrations
APPROVED

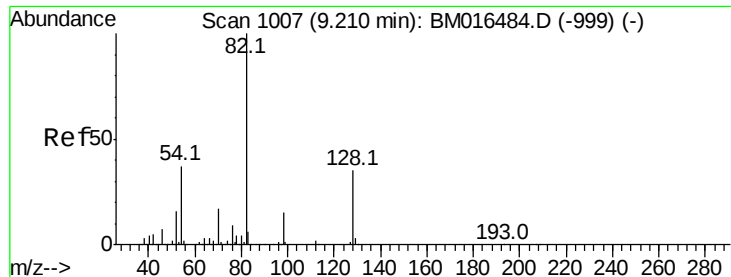
Sohil
8/22/2018 6:07:07 PM



#22
Acetophenone
Concen: 53.528 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	767918		
71	1.2	0.6	1.0#	
51	24.7	21.6	32.4	
120	19.2	16.1	24.1	





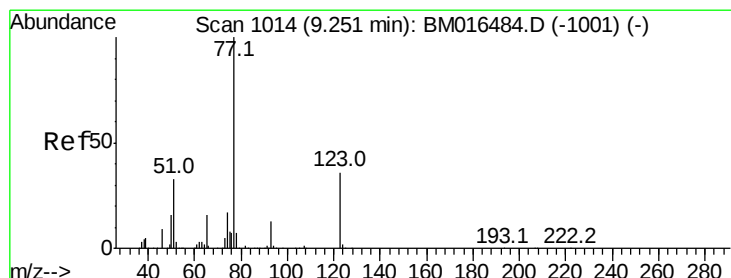
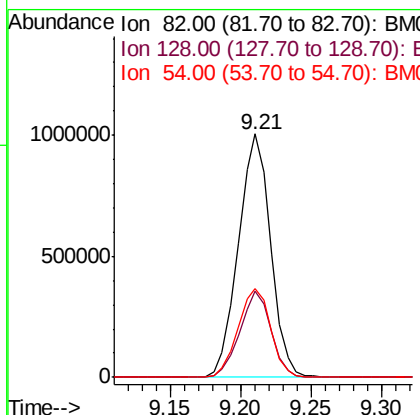
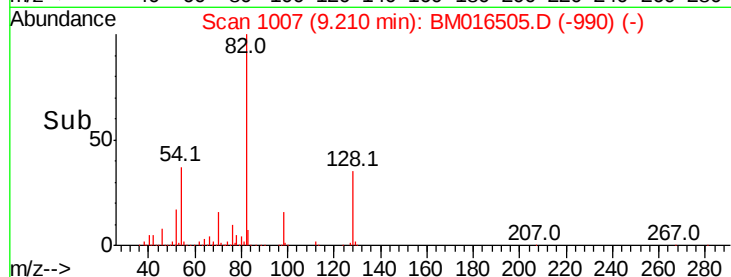
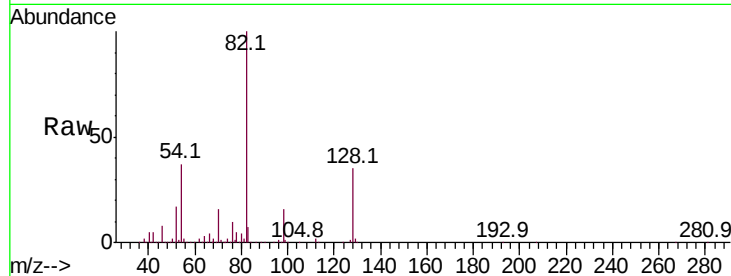
#23
 Nitrobenzene-d5
 Concen: 53.528 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	32.8	49.2
54	36.6	40.6	60.8#

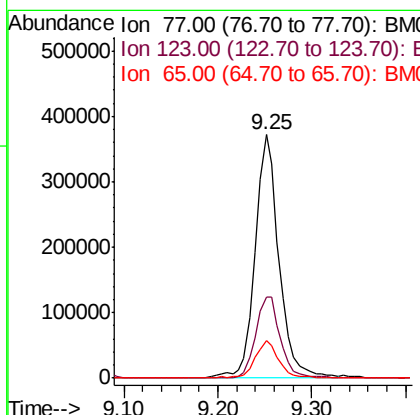
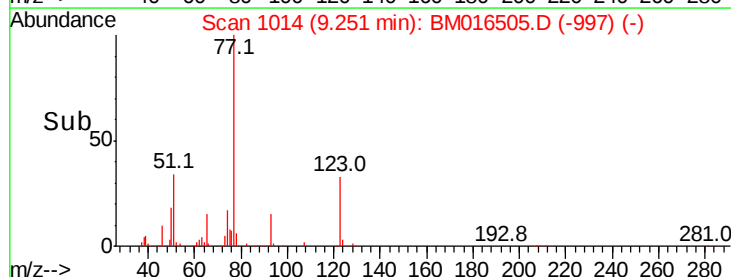
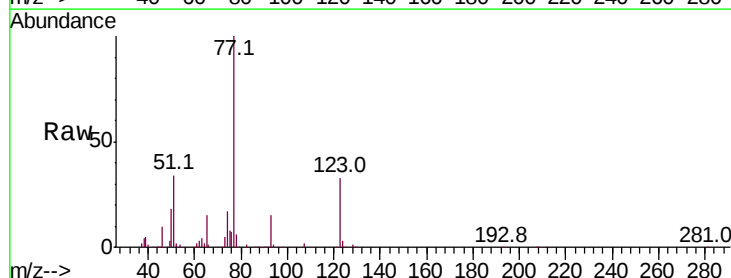
Manual Integrations
 APPROVED

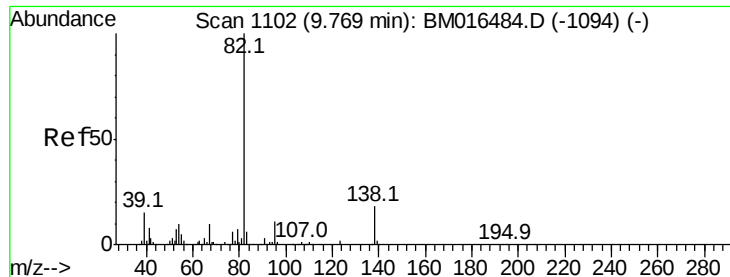
Sohil
 8/22/2018 6:07:07 PM



#24
 Nitrobenzene
 Concen: 50.267 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.2	32.6	49.0
65	15.3	10.9	16.3





#25

Isophorone

Concen: 61.129 ng

RT: 9.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion: 82 Resp: 1066031

Ion Ratio Lower Upper

82 100

95 11.7 5.8 8.6#

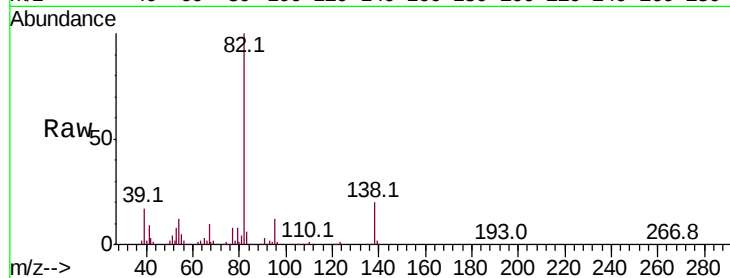
138 19.9 16.3 24.5

Manual Integrations

APPROVED

Sohil

8/22/2018 6:07:07 PM

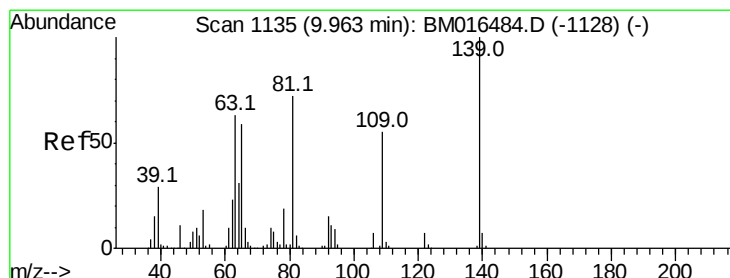
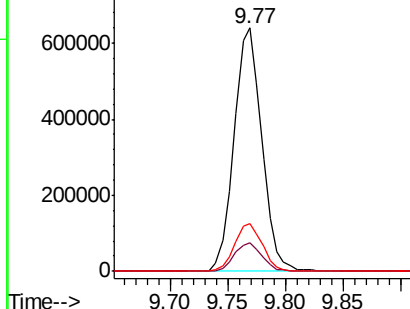
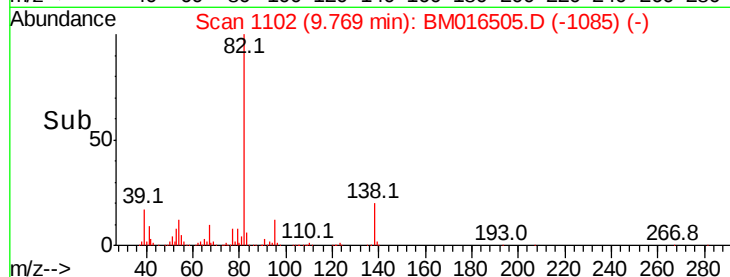


Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)

Time-->



#26

2-Nitrophenol

Concen: 54.290 ng

RT: 9.96 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

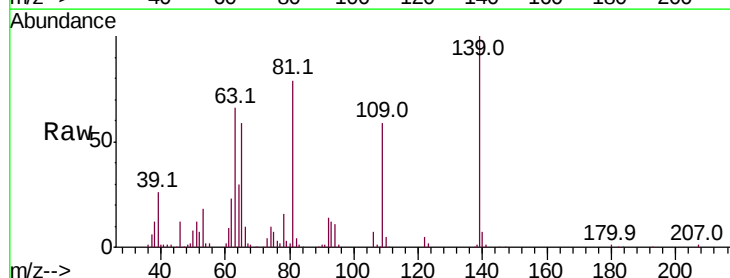
Tgt Ion: 139 Resp: 302584

Ion Ratio Lower Upper

139 100

109 59.2 20.1 30.1#

65 58.9 31.5 47.3#

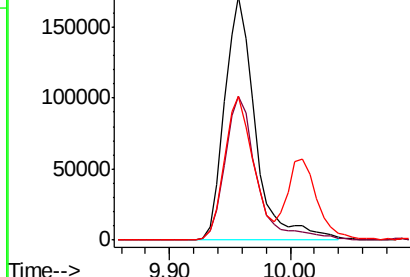
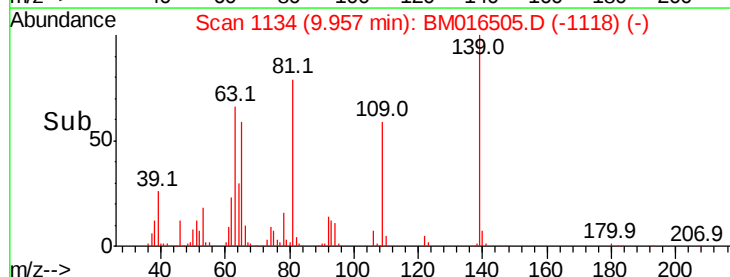


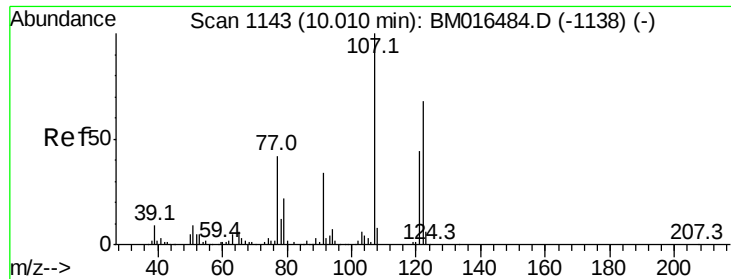
Abundance Ion 139.00 (138.70 to 139.70): BM016484.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016484.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-1128) (-)

Time-->





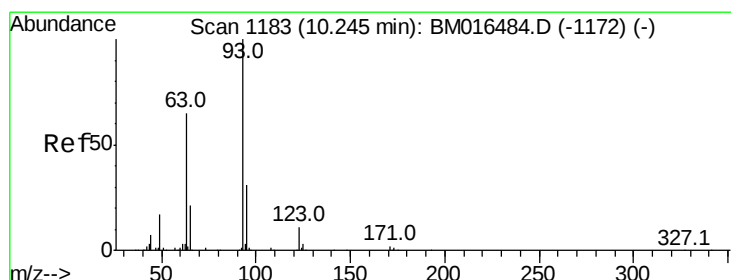
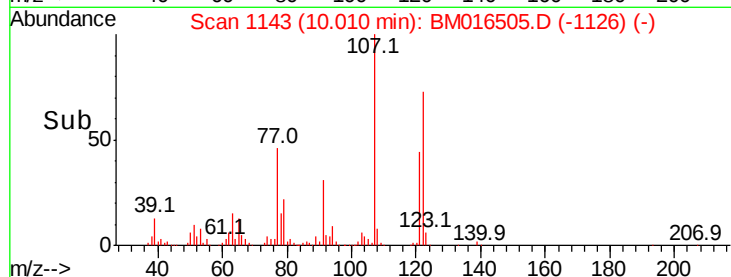
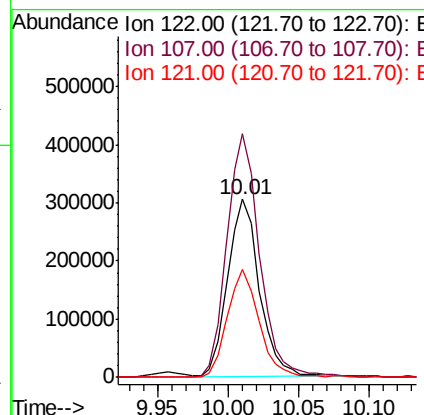
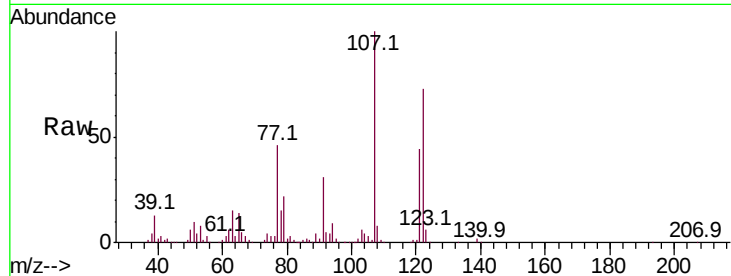
#27
2,4-Dimethylphenol
Concen: 65.674 ng
RT: 10.01 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.6	84.7	127.1#
121	60.5	46.6	69.8

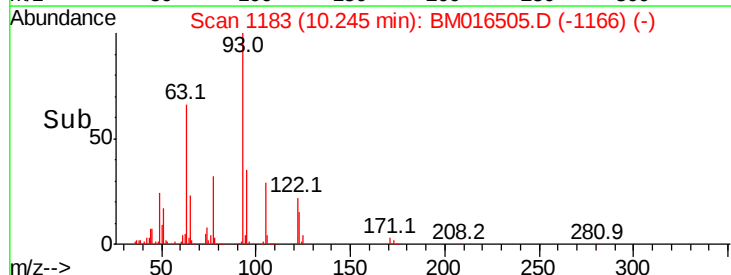
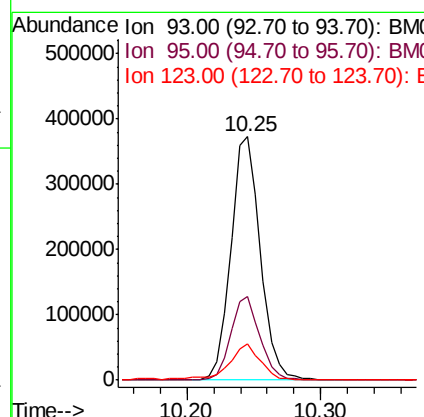
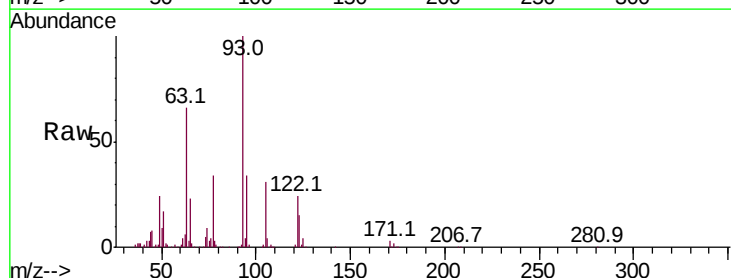
Manual Integrations
APPROVED

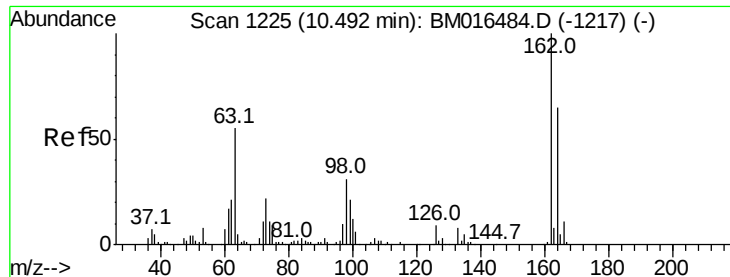
Sohil
8/22/2018 6:07:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 54.597 ng
RT: 10.25 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	25.5	38.3
123	14.7	8.6	13.0#





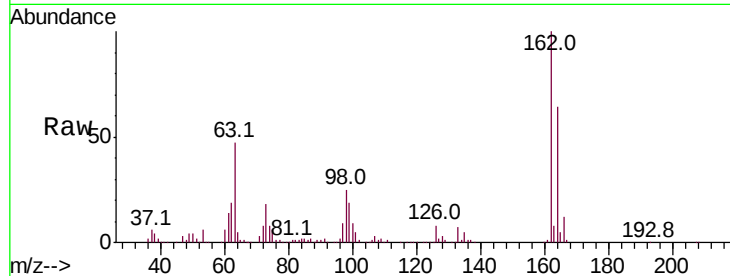
#29
 2,4-Dichlorophenol
 Concen: 70.089 ng
 RT: 10.49 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	761908		
164	64.1	42.8	82.8	
98	24.9	14.5	54.5	

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:07 PM

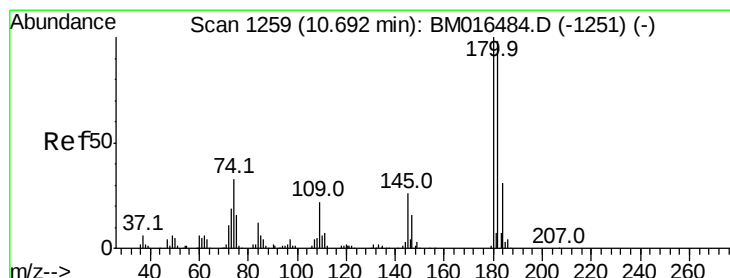
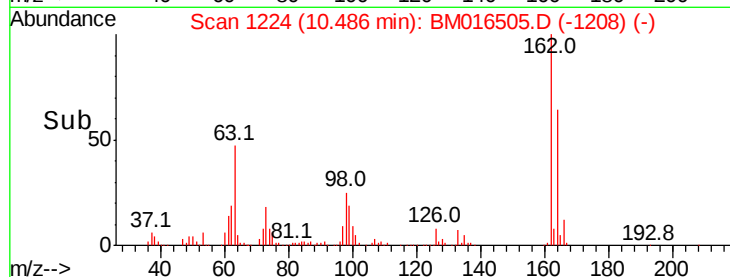
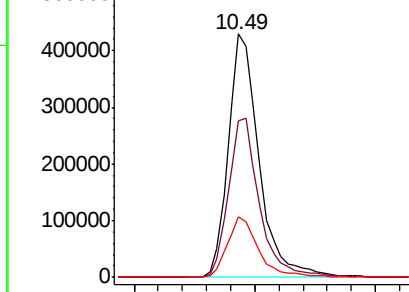


Abundance

Ion 162.00 (161.70 to 162.70): E

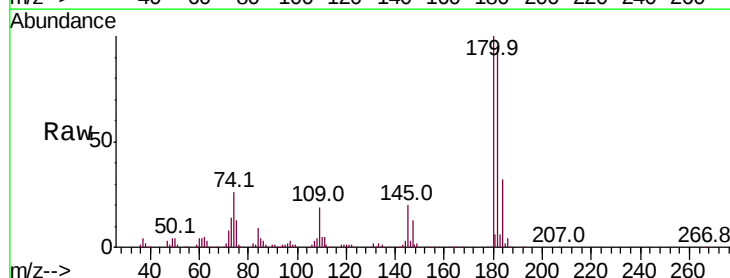
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 66.499 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1096898		
182	95.1	77.6	116.4	
145	19.9	23.4	35.2#	

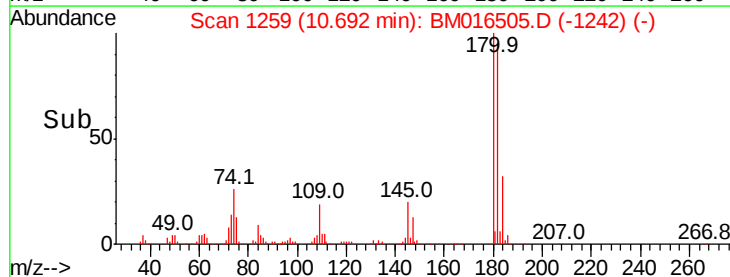
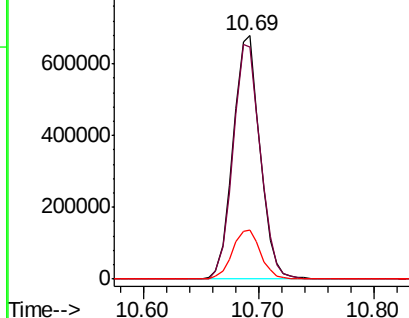


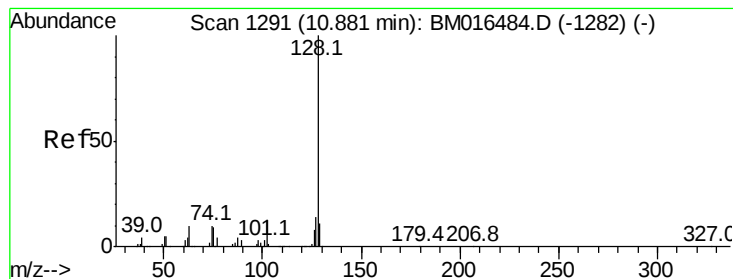
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 56.165 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:128 Resp: 1594236

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

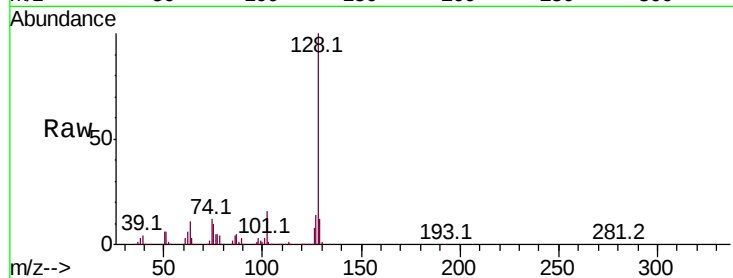
127 13.9 10.4 15.6

Manual Integrations

APPROVED

Sohil

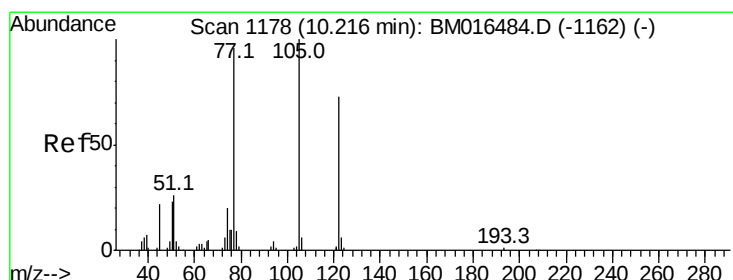
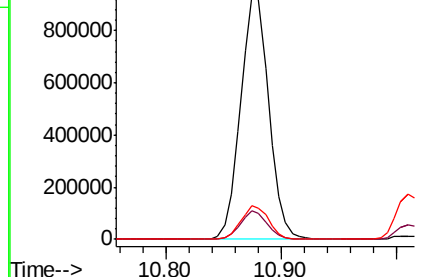
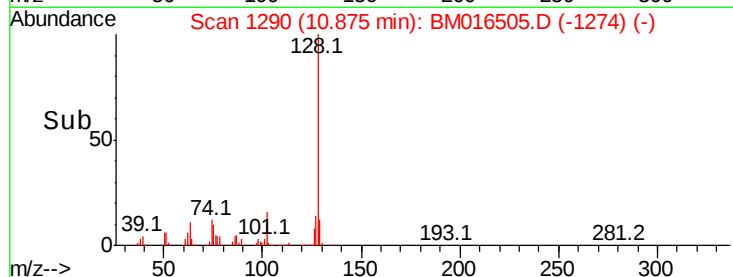
8/22/2018 6:07:07 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.310 ng

RT: 10.25 min Scan# 1183

Delta R.T. 0.03 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

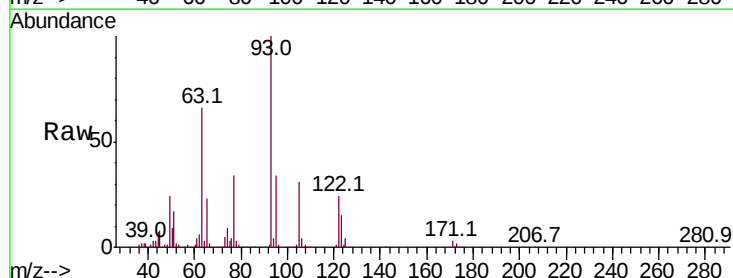
Tgt Ion:122 Resp: 336127

Ion Ratio Lower Upper

122 100

105 128.3 99.9 139.9

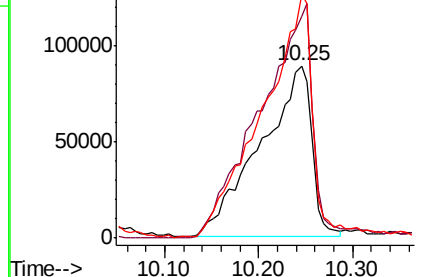
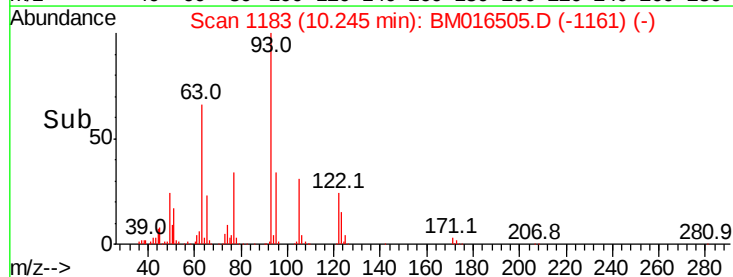
77 141.2 73.7 113.7#

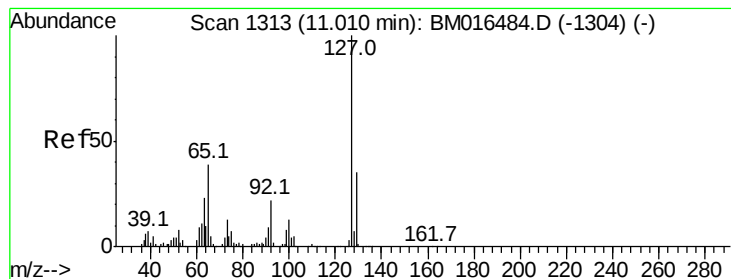


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0





#33

4-Chloroaniline

Concen: 27.880 ng

RT: 11.01 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

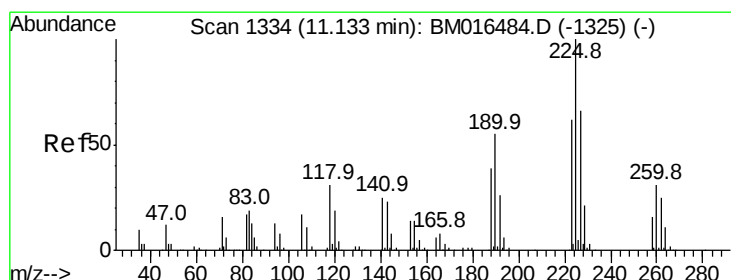
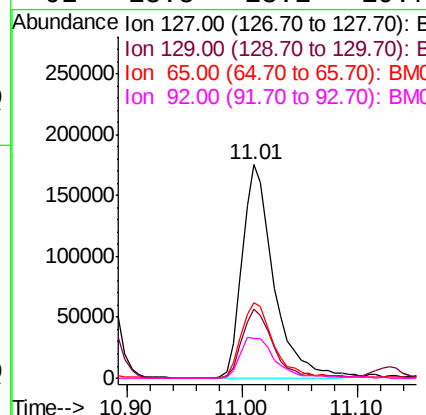
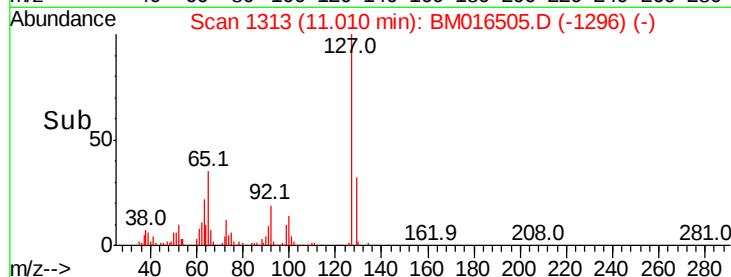
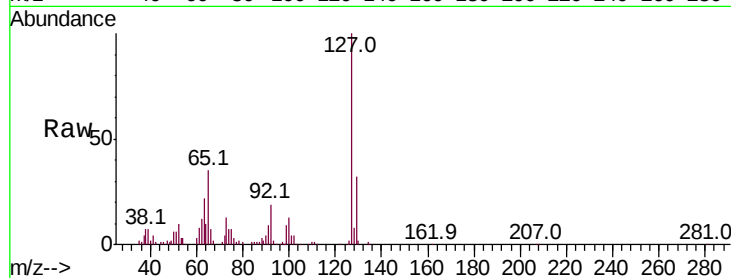
ClientSampled :

PB112247BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.3	37.9		
65	35.1	17.6	26.4		
92	18.8	13.1	19.7		

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#34

Hexachlorobutadiene

Concen: 60.994 ng

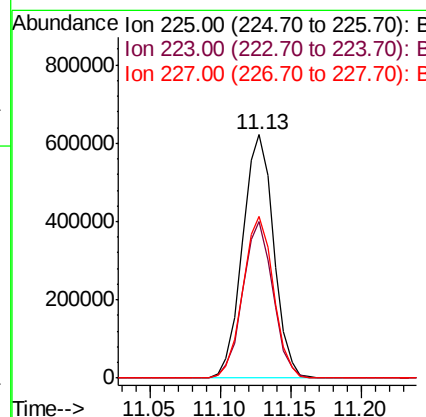
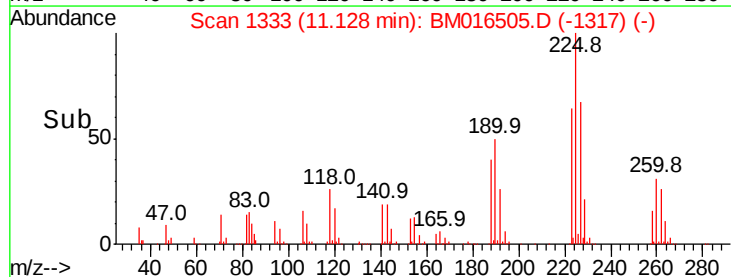
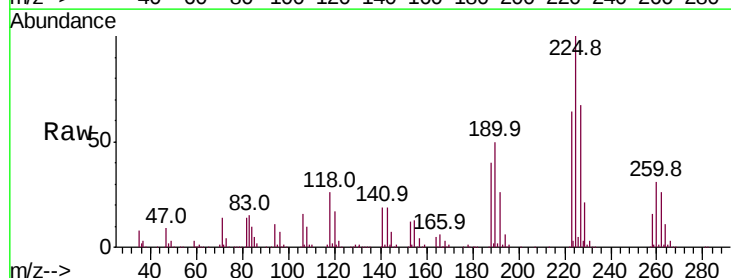
RT: 11.13 min Scan# 1333

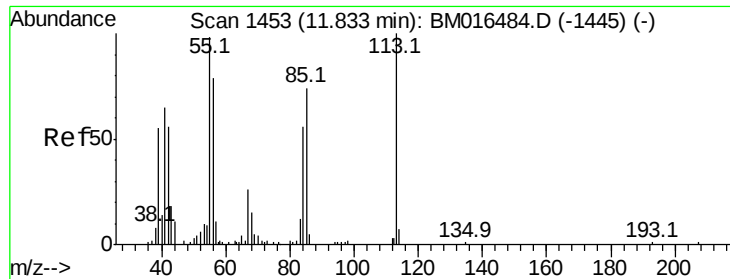
Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	47.9	71.9		
227	66.6	50.1	75.1		





#35

Caprolactam

Concen: 56.920 ng/mL

RT: 11.85 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

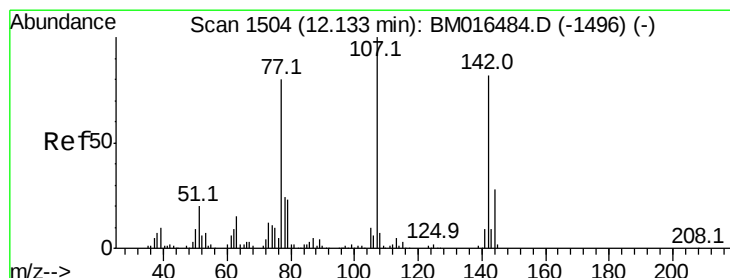
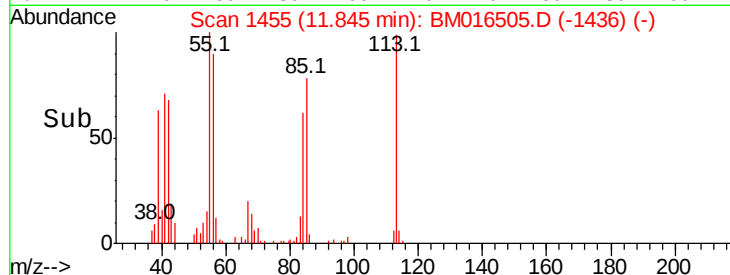
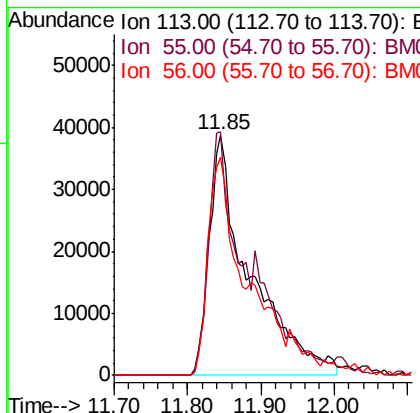
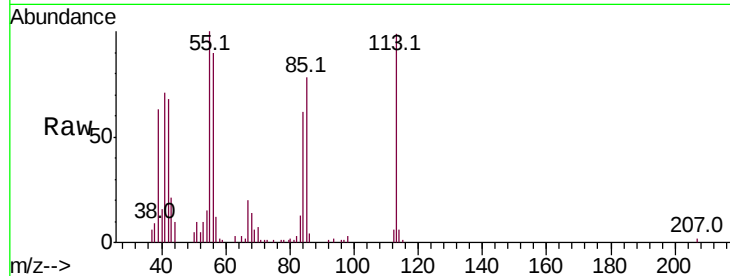
ClientSampled :

PB112247BS

Tot Ion:	113	Resp:	148474
Ion Ratio	Lower	Upper	
113	100		
55	101.3	145.9	185.9#
56	90.8	101.0	141.0#

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#36

4-Chloro-3-methylphenol

Concen: 57.499 ng/mL

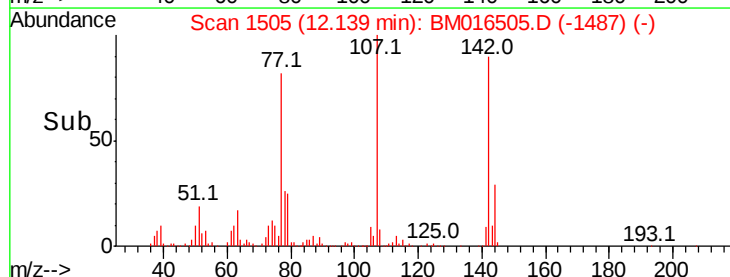
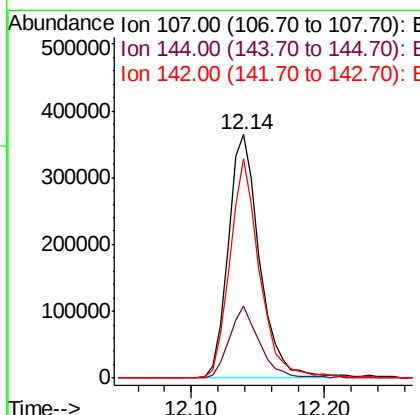
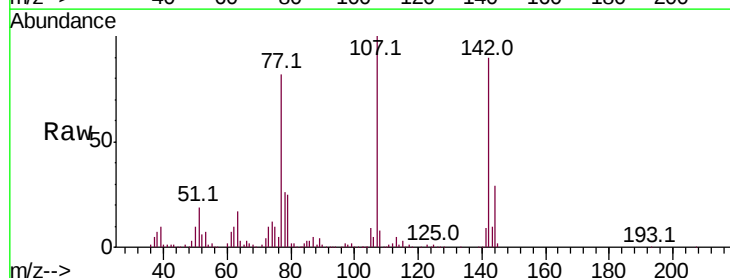
RT: 12.14 min Scan# 1505

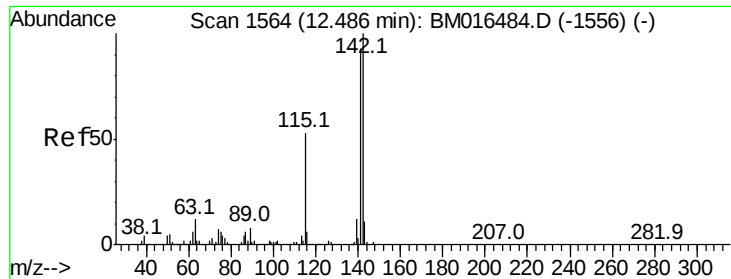
Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion:	107	Resp:	600907
Ion Ratio	Lower	Upper	
107	100		
144	29.4	23.3	34.9
142	89.9	72.6	109.0





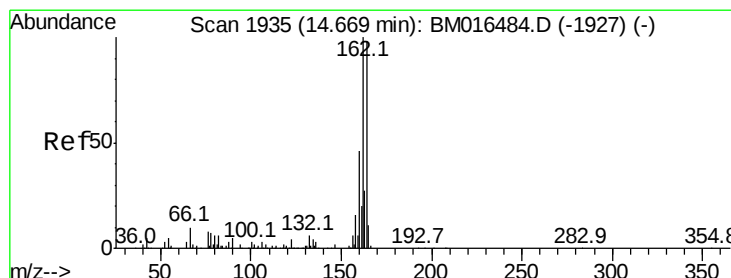
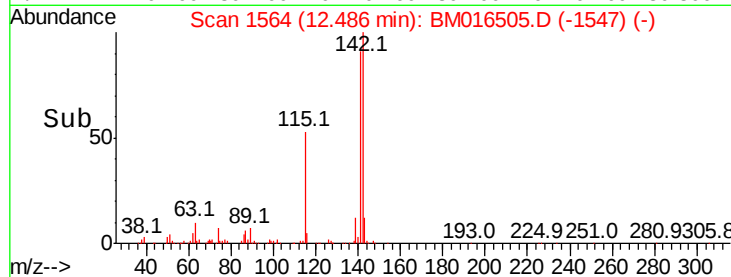
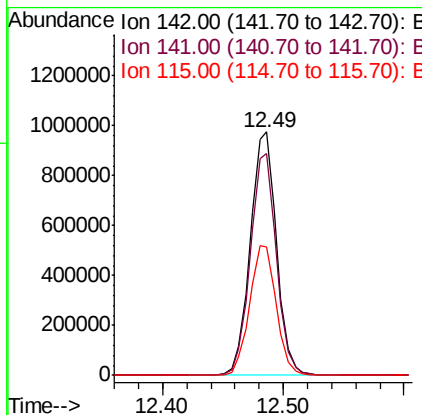
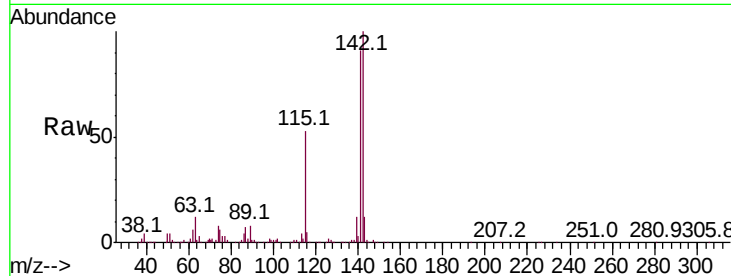
#37
2-Methylnaphthalene
Concen: 66.324 ng
RT: 12.49 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
115	52.8	25.4	38.0

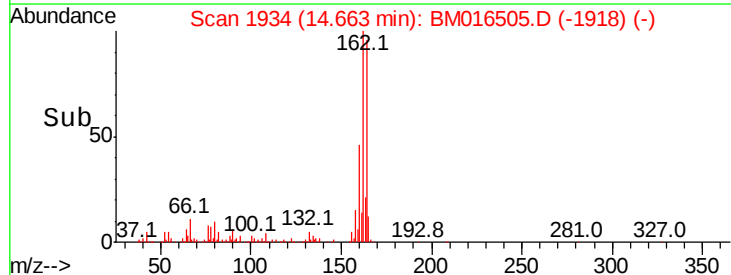
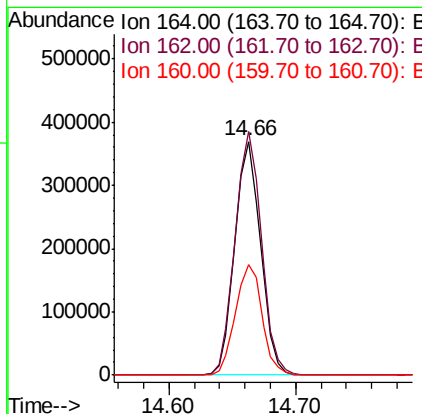
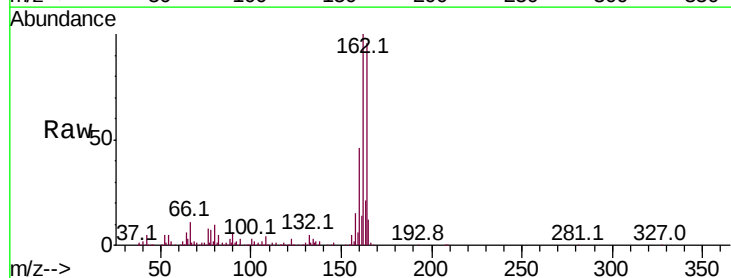
Manual Integrations
APPROVED

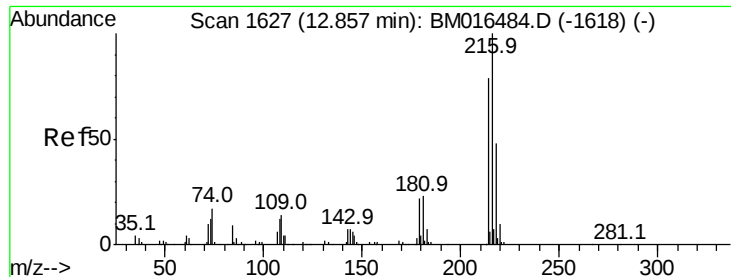
Sohil
8/22/2018 6:07:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.4	123.6
160	47.6	35.8	53.6





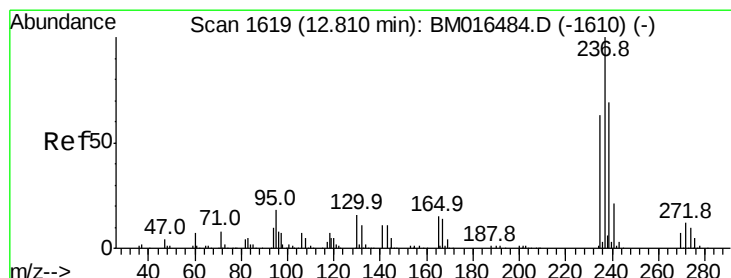
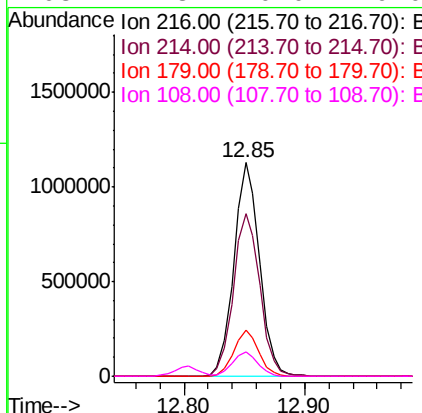
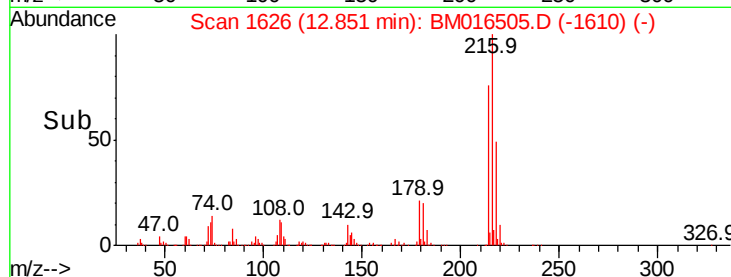
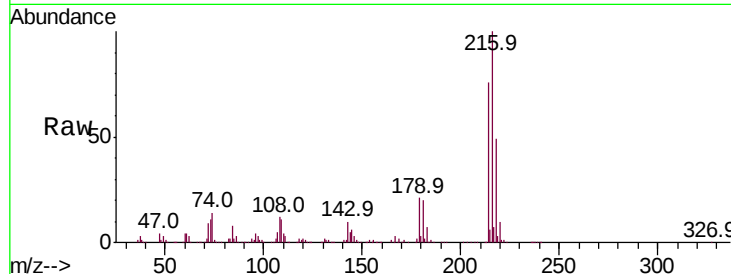
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.791 ng
 RT: 12.85 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	1662663		
214	78.8	0.0	0.0	0.0
179	21.0	0.0	0.0	0.0
108	11.3	0.0	0.0	0.0

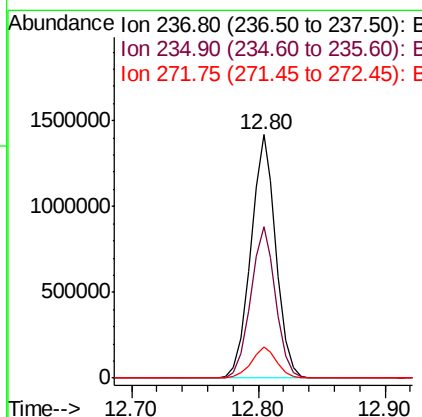
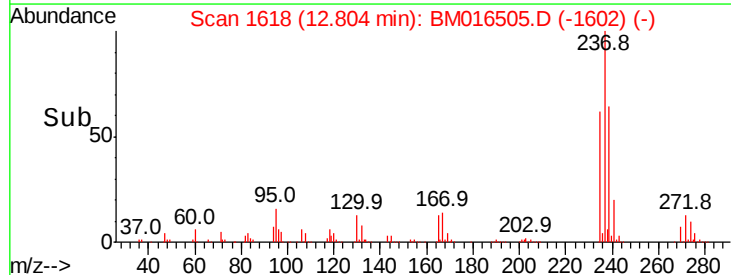
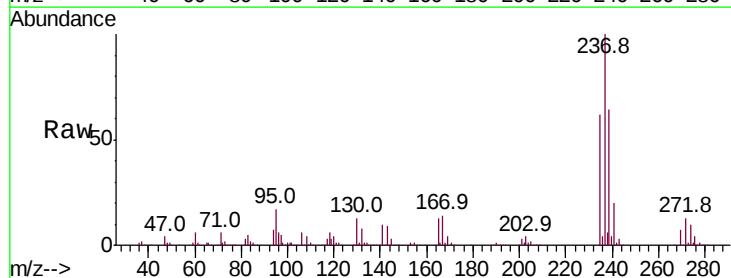
Manual Integrations
 APPROVED

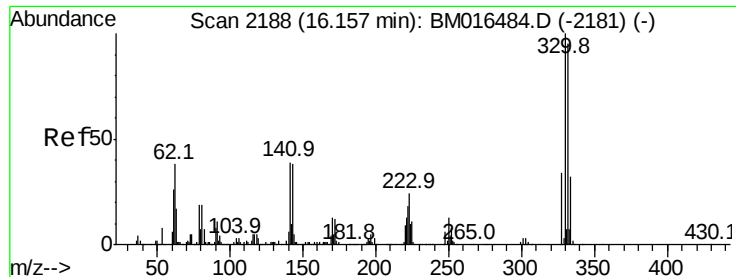
Sohil
 8/22/2018 6:07:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 121.579 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1940701		
235	62.1	42.0	82.0	
272	12.6	0.0	33.4	





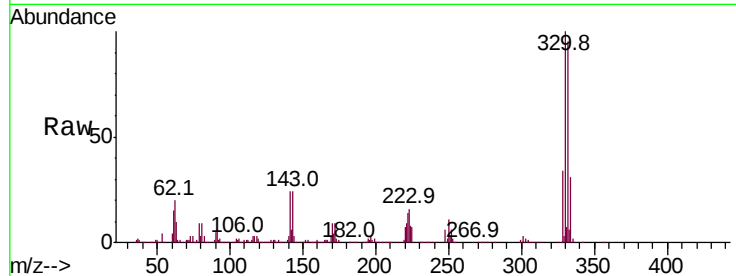
#41
 2,4,6-Tribromophenol
 Concen: 121.579 ng
 RT: 16.16 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	29.3	0.0	0.0#

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:07 PM

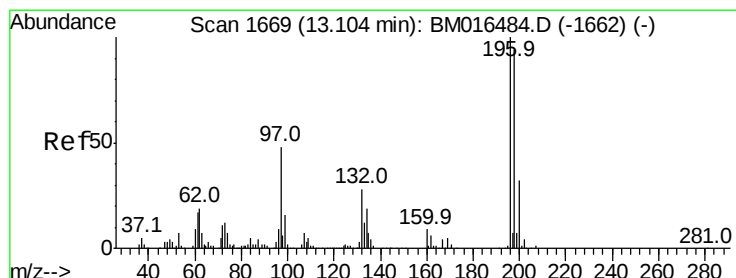
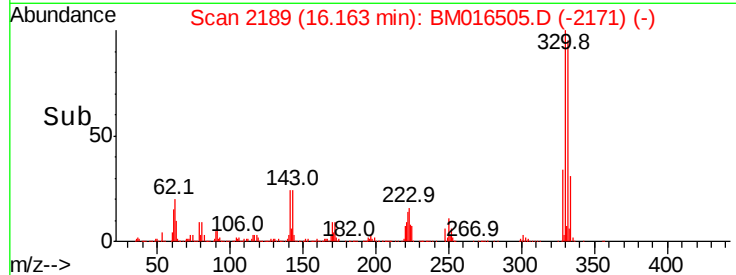
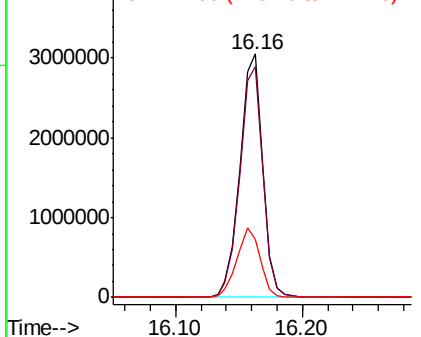


Abundance

Ion 329.80 (329.50 to 330.50): E

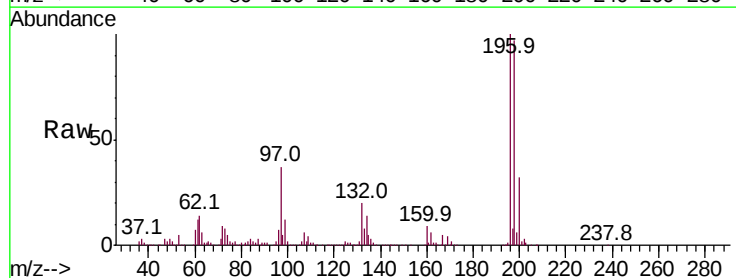
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 60.684 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.3	114.5
200	31.6	25.6	38.4

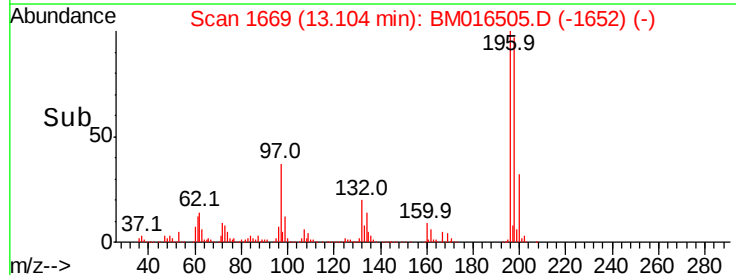
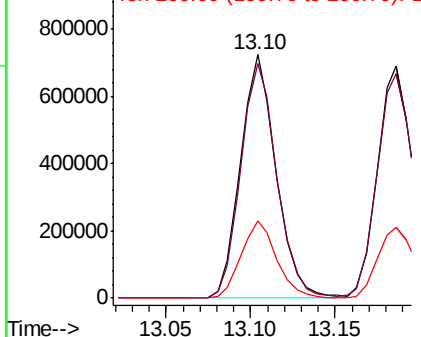


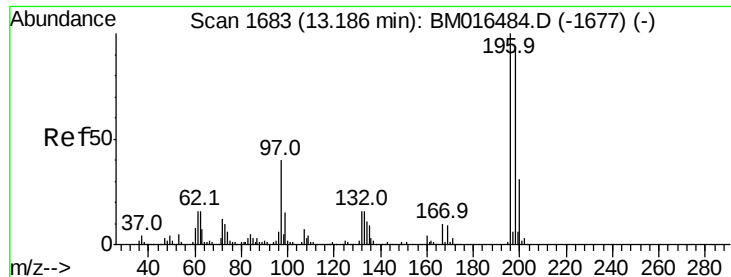
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





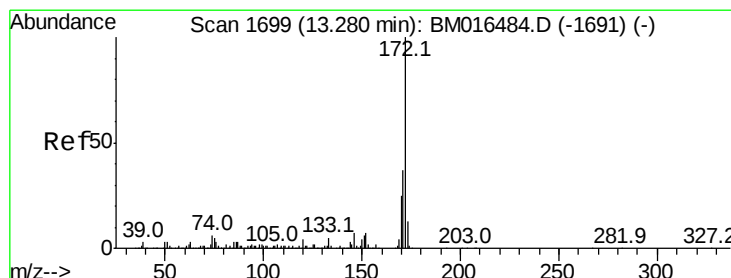
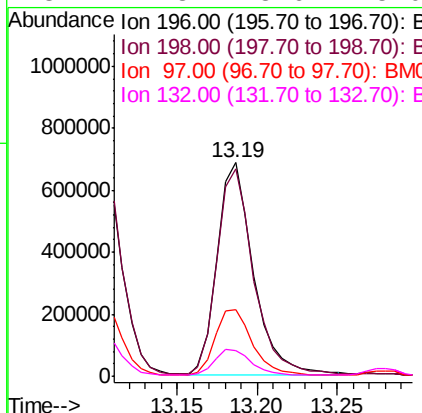
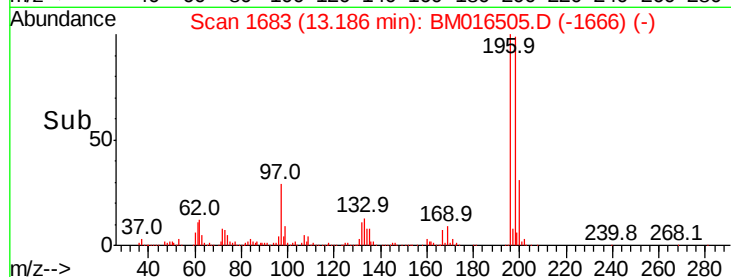
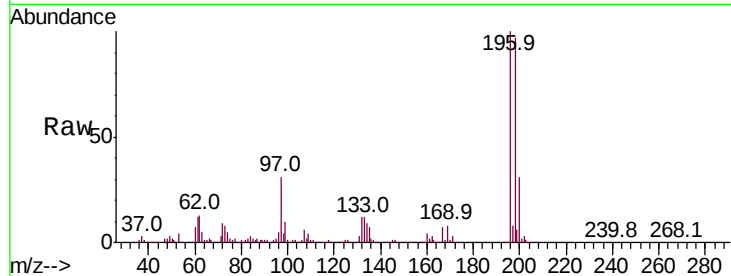
#43
2,4,5-Trichlorophenol
Concen: 63.692 ng m
RT: 13.19 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.4	119.0
97	31.2	26.8	40.2
132	12.3	18.6	28.0

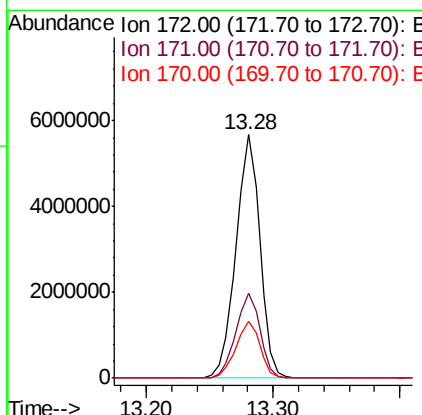
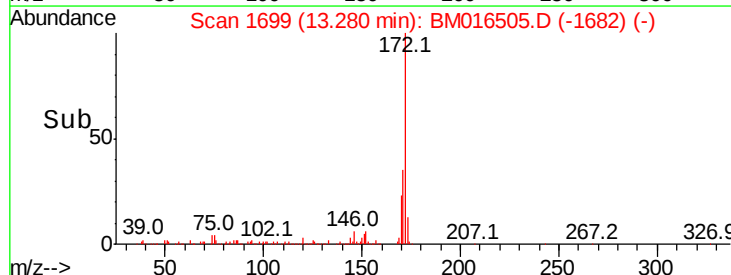
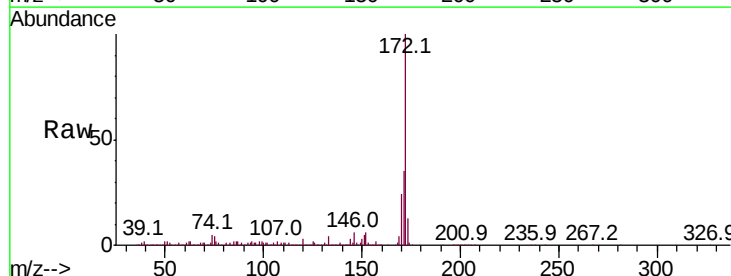
Manual Integrations
APPROVED

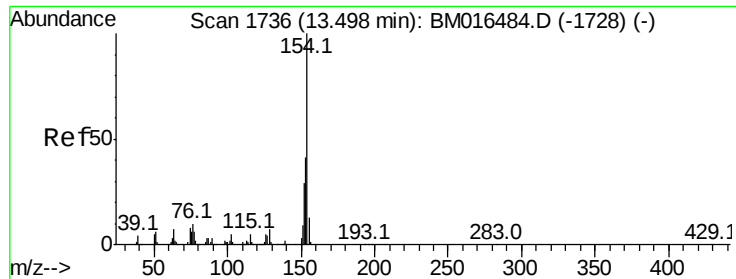
Sohil
8/22/2018 6:07:07 PM



#44
2-Fluorobiphenyl
Concen: 63.692 ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	18.8	28.2





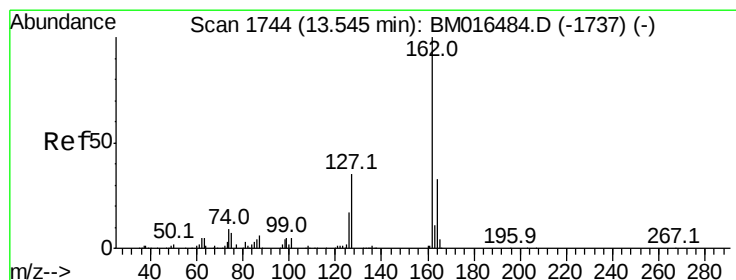
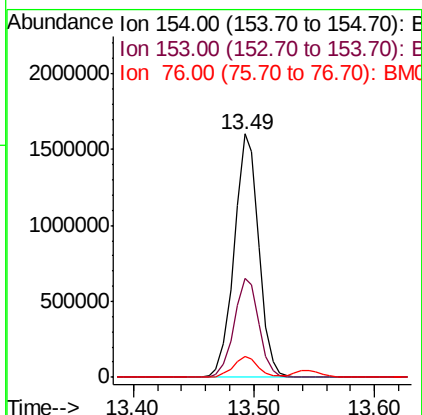
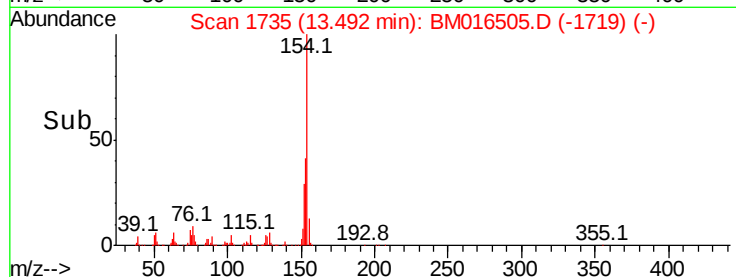
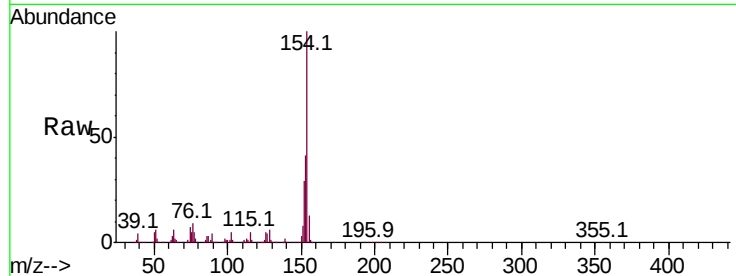
#45
 1,1'-Biphenyl
 Concen: 49.968 ng
 RT: 13.49 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	8.7	0.0	30.9

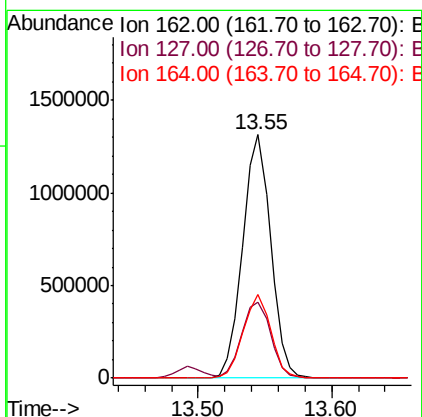
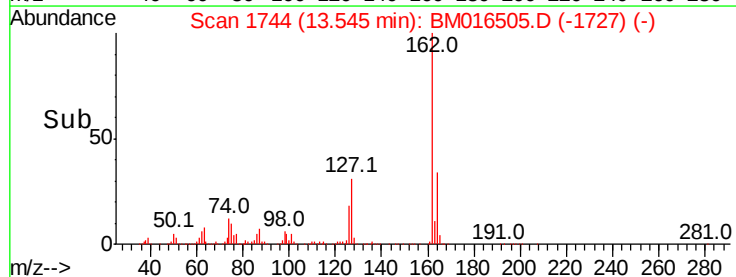
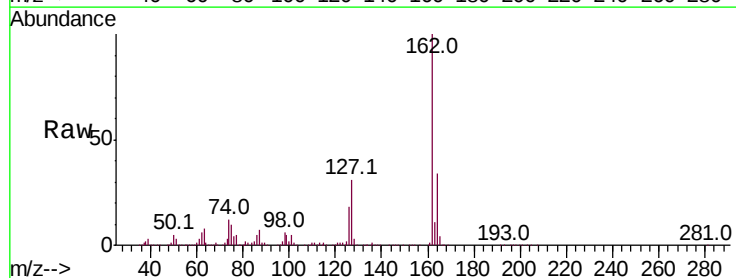
Manual Integrations
 APPROVED

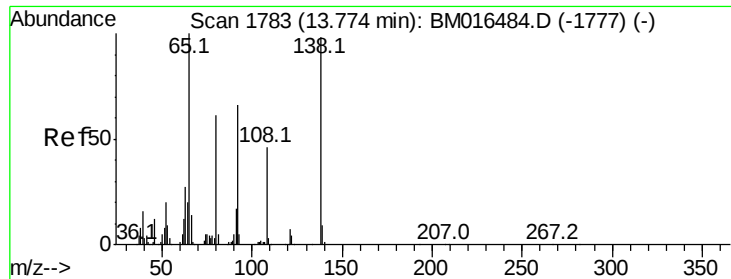
Sohil
 8/22/2018 6:07:07 PM



#46
 2-Chloronaphthalene
 Concen: 51.504 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	31.3	26.9	40.3
164	34.2	26.8	40.2





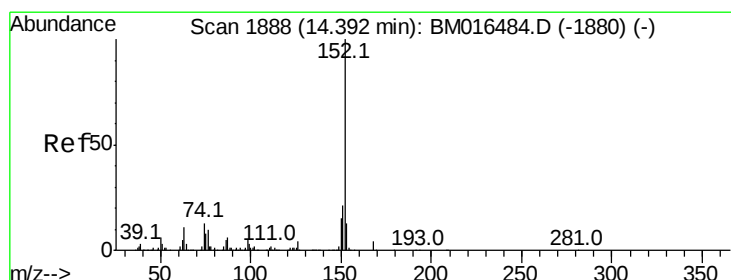
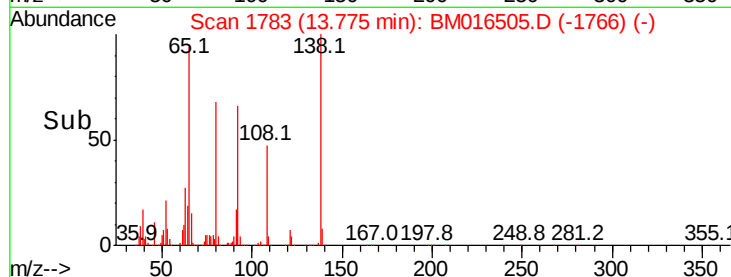
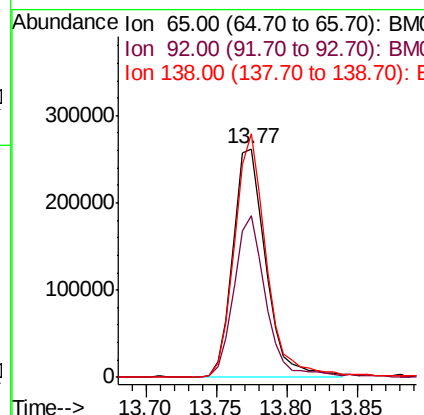
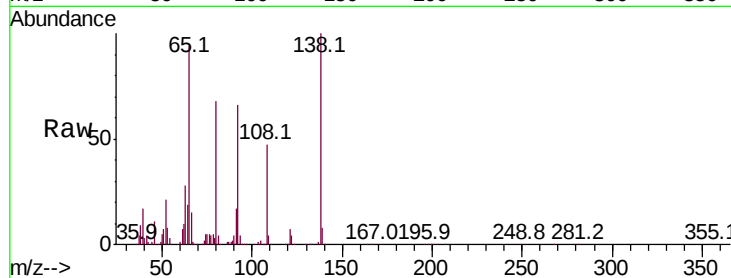
#47
2-Nitroaniline
Concen: 43.257 ng
RT: 13.77 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	59.1	88.7
138	106.4	93.9	140.9

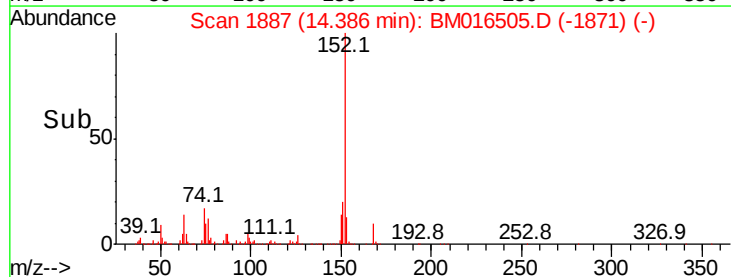
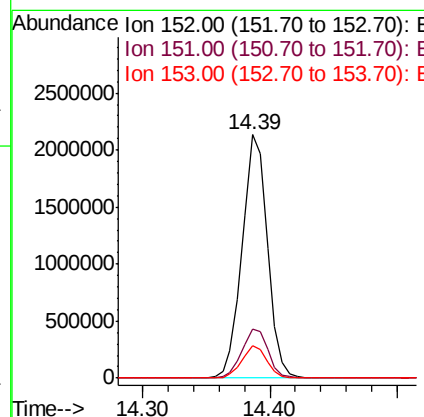
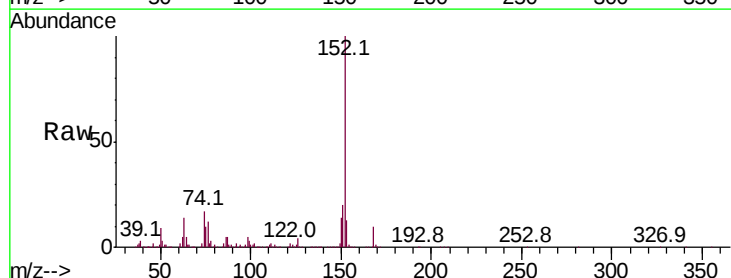
Manual Integrations
APPROVED

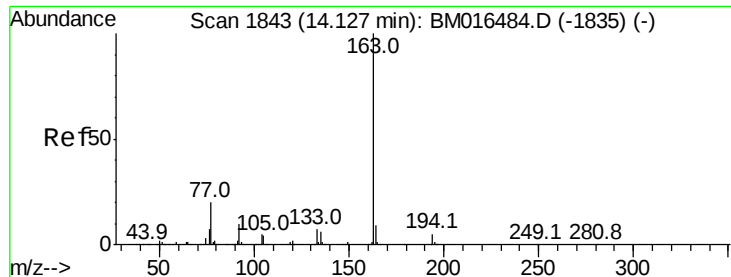
Sohil
8/22/2018 6:07:07 PM



#48
Acenaphthylene
Concen: 56.230 ng
RT: 14.39 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.6	16.0





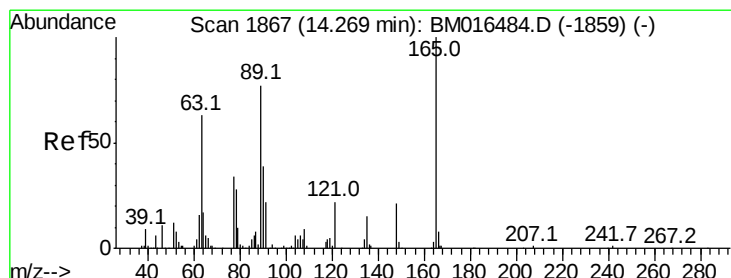
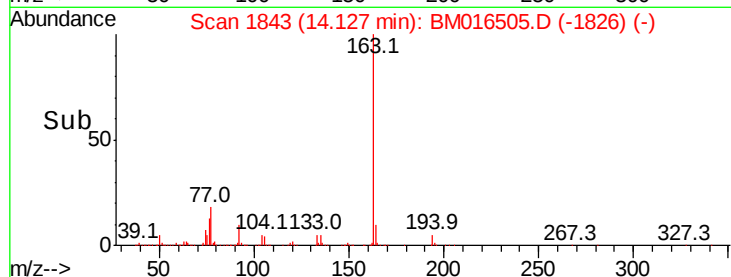
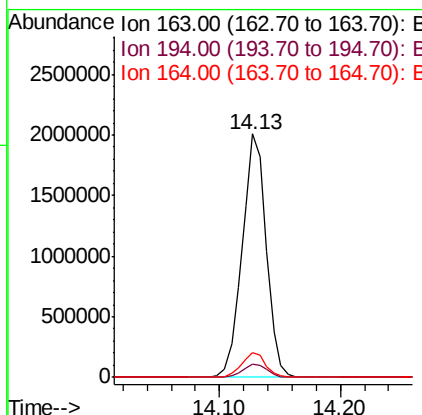
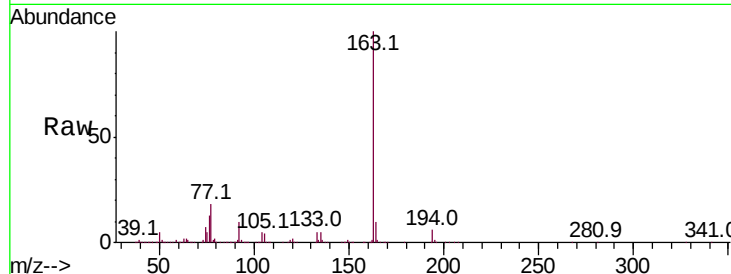
#49
Dimethylphthalate
Concen: 56.168 ng
RT: 14.13 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleID :
PB112247BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.7	4.1#
164	10.0	8.2	12.2

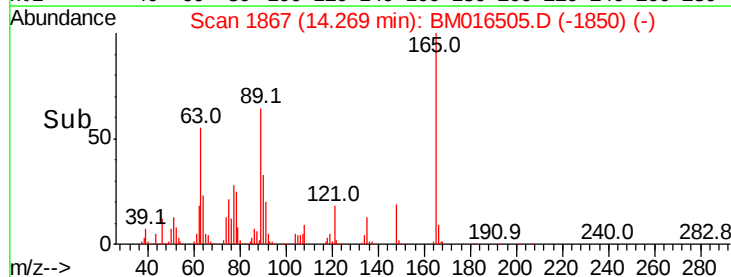
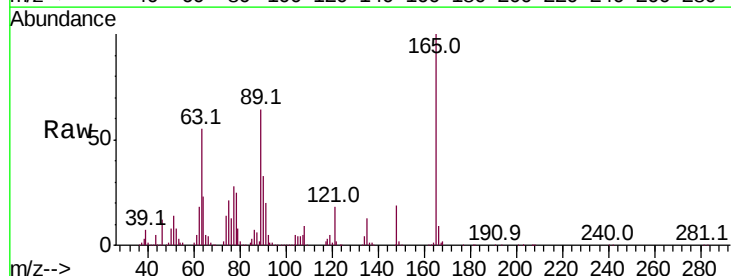
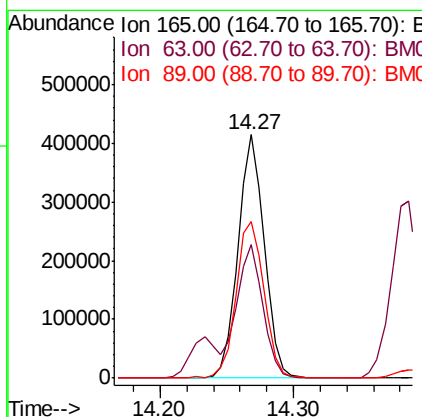
Manual Integrations
APPROVED

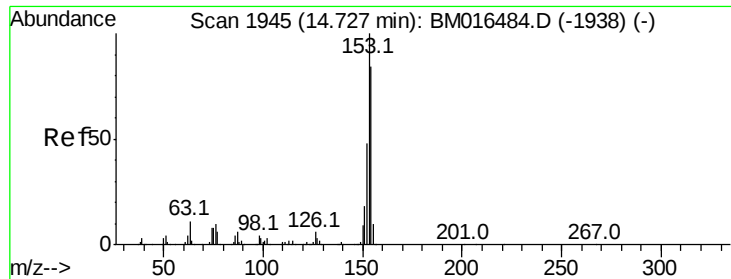
Sohil
8/22/2018 6:07:07 PM



#50
2,6-Dinitrotoluene
Concen: 58.057 ng
RT: 14.27 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.1	44.1	66.1
89	64.2	44.3	66.5





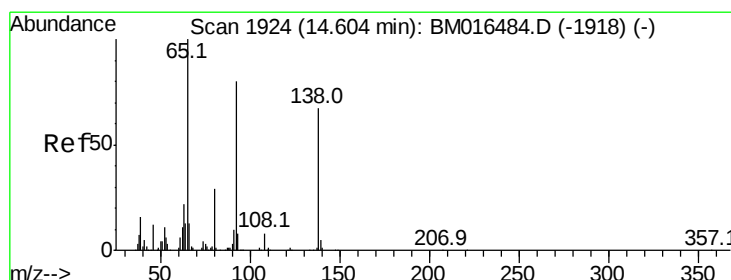
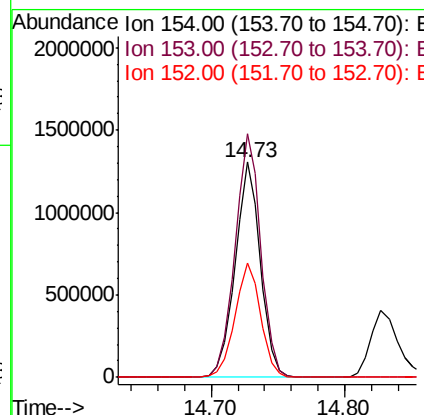
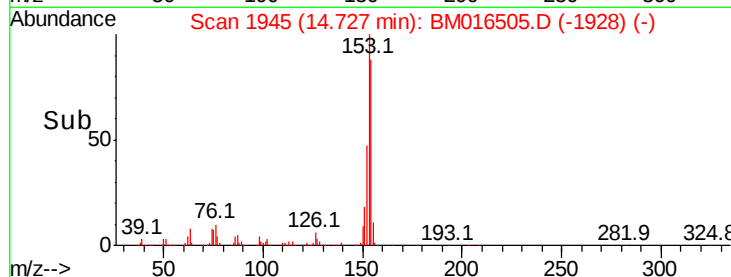
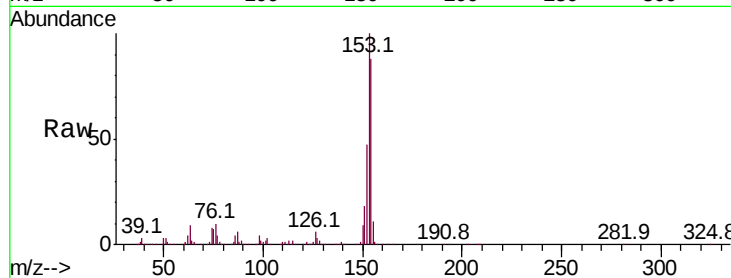
#51
Acenaphthene
Concen: 53.761 ng
RT: 14.73 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.0	135.0
152	52.9	42.6	63.8

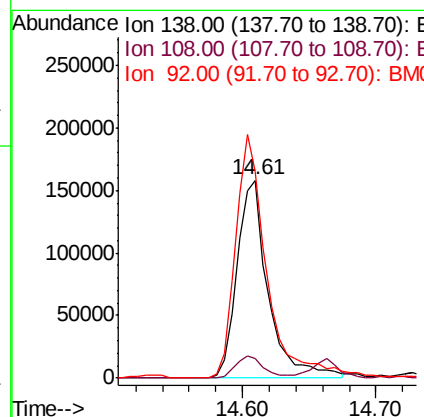
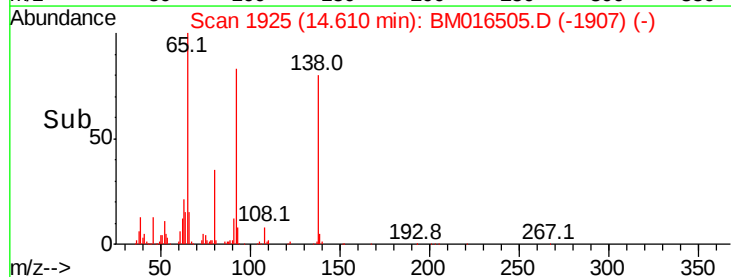
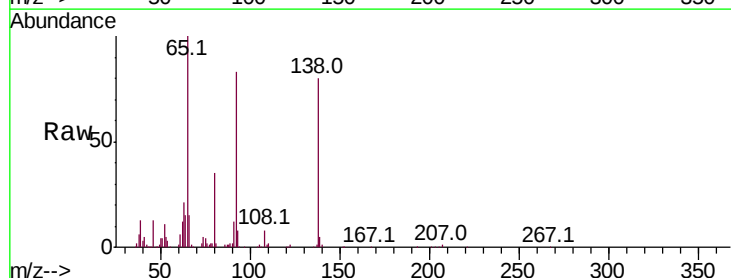
Manual Integrations
APPROVED

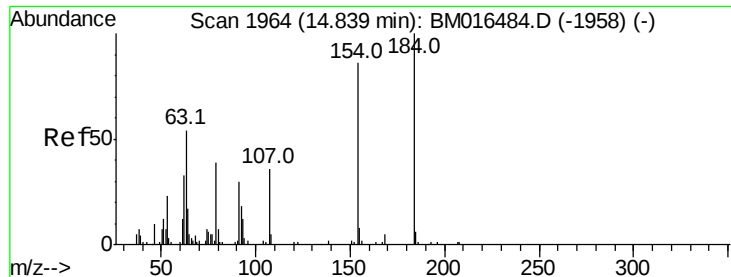
Sohil
8/22/2018 6:07:07 PM



#52
3-Nitroaniline
Concen: 29.170 ng
RT: 14.61 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	104.2	76.6	114.8





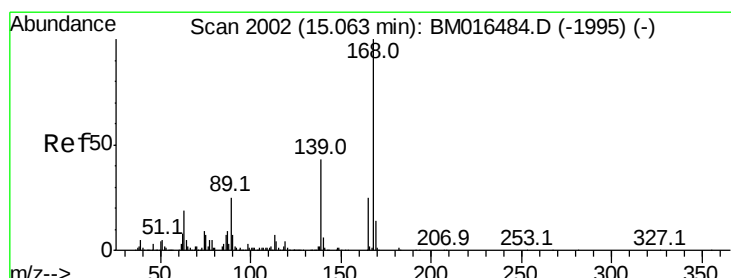
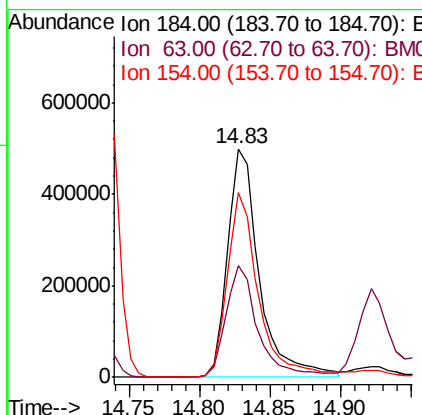
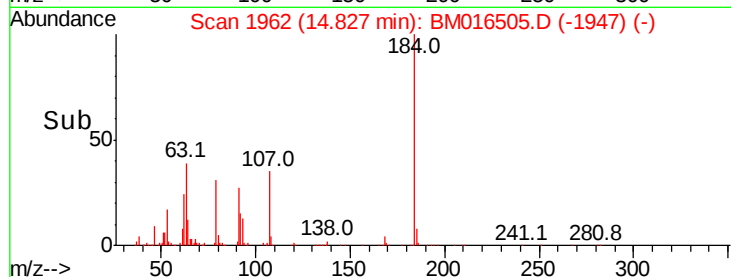
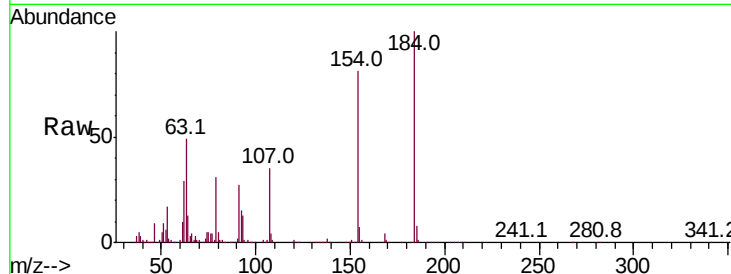
#53
2,4-Dinitrophenol
Concen: 161.460 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.7	69.2	103.8#	
154	80.8	53.3	79.9#	

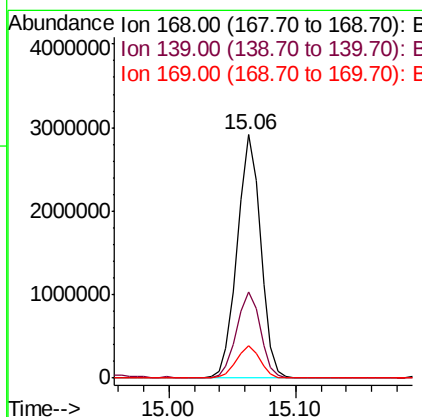
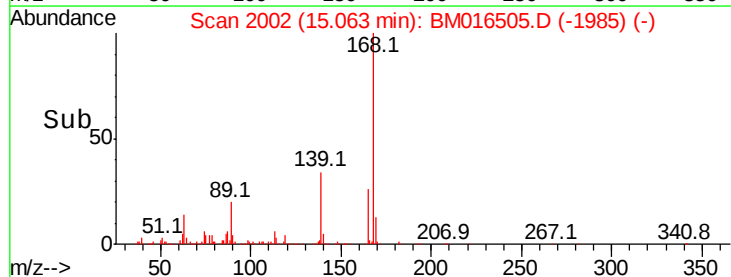
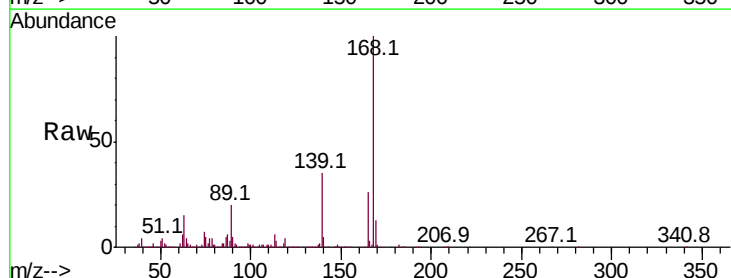
Manual Integrations
APPROVED

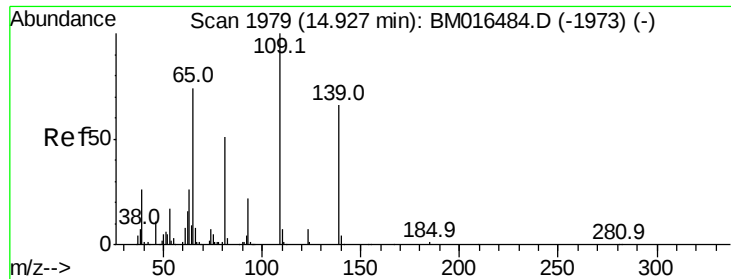
Sohil
8/22/2018 6:07:07 PM



#54
Dibenzofuran
Concen: 60.635 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.3	27.3	40.9	
169	13.2	10.6	16.0	





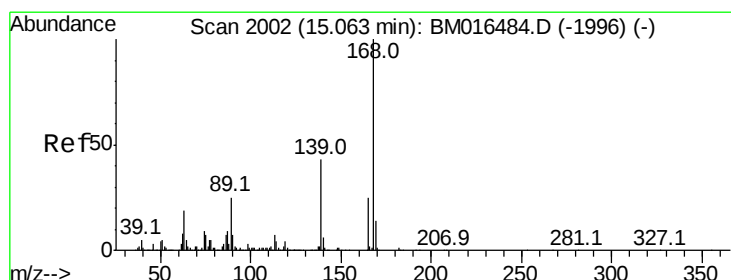
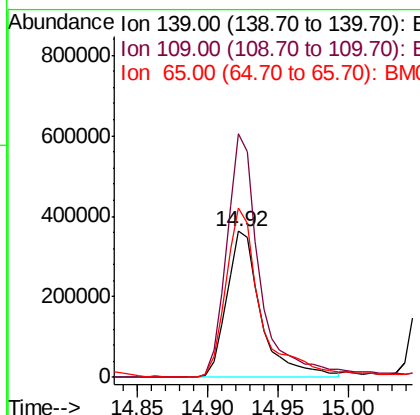
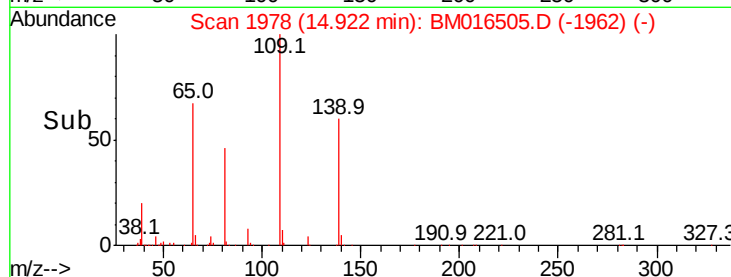
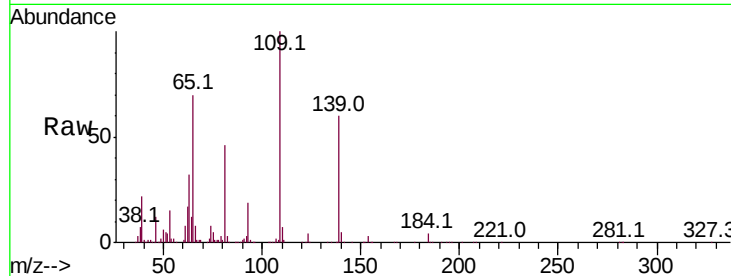
#55
4-Nitrophenol
Concen: 109.373 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	167.1	130.0	170.0	
65	116.6	130.0	170.0	

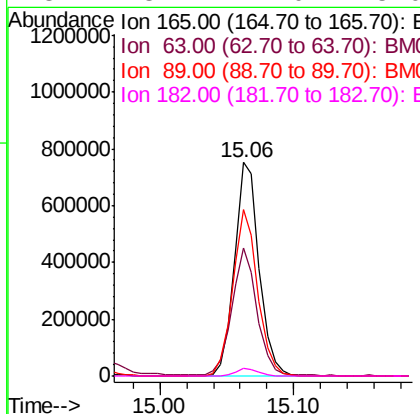
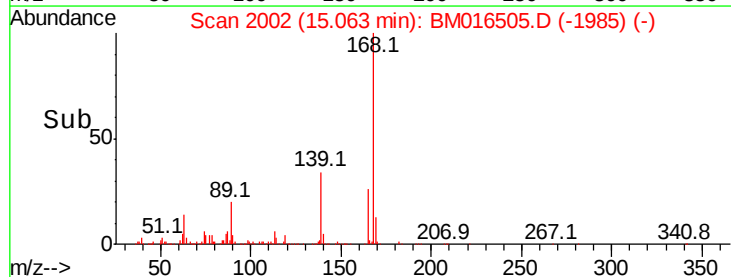
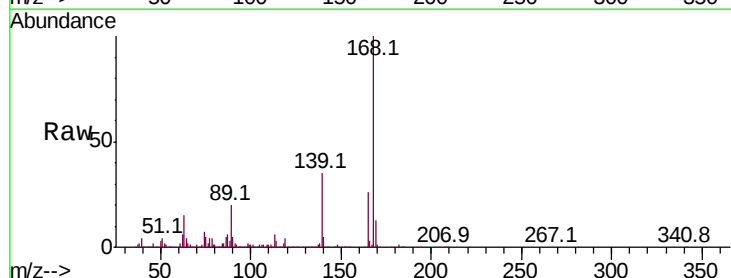
Manual Integrations
APPROVED

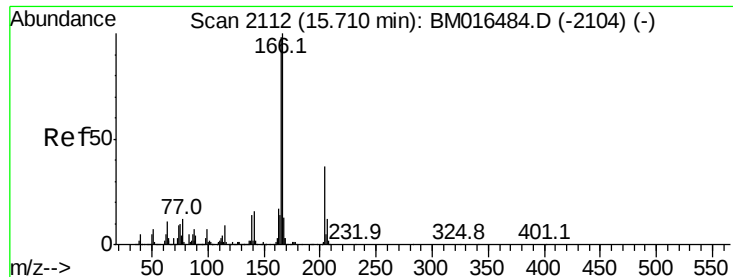
Sohil
8/22/2018 6:07:07 PM



#56
2,4-Dinitrotoluene
Concen: 59.813 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.9	52.4	78.6	
89	78.1	72.4	108.6	
182	3.7	2.0	3.0	





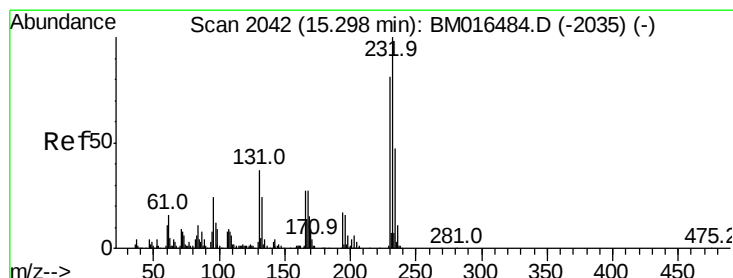
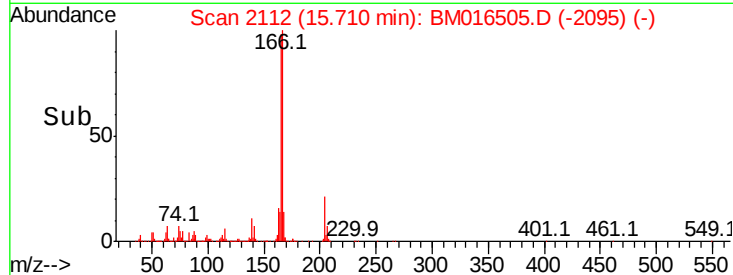
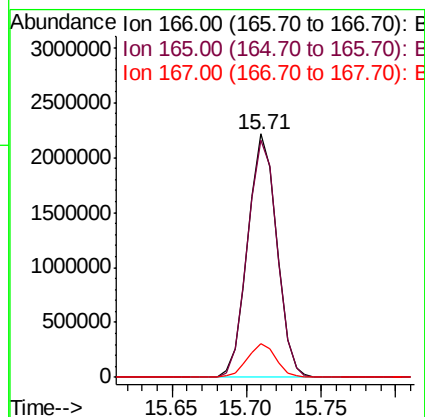
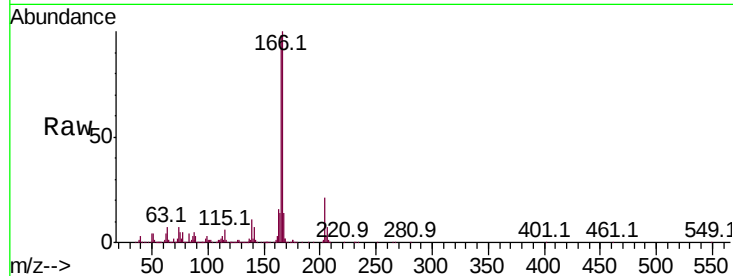
#57
Fluorene
 Concen: 64.332 ng
 RT: 15.71 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.6	10.3	15.5

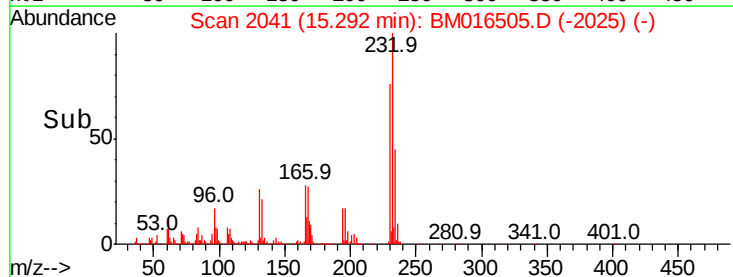
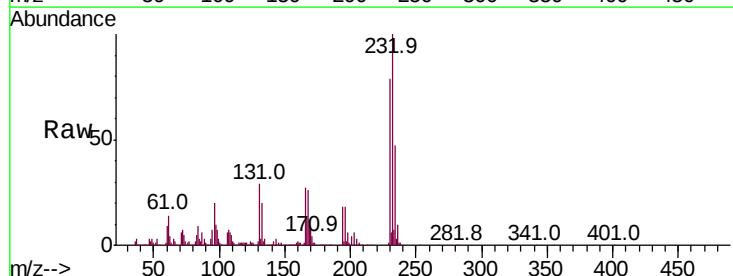
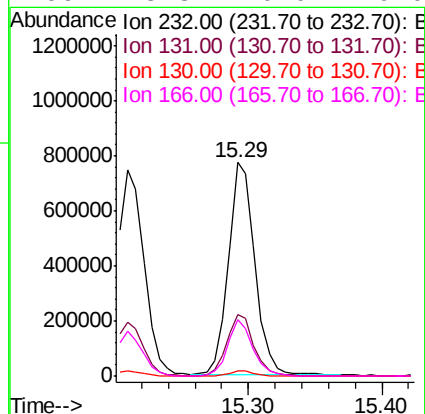
Manual Integrations
 APPROVED

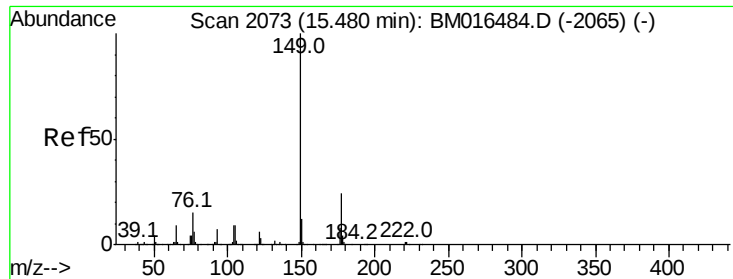
Sohil
 8/22/2018 6:07:07 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 65.198 ng
 RT: 15.29 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	28.8	0.0	0.0#
130	2.4	0.0	0.0#
166	25.3	0.0	0.0#





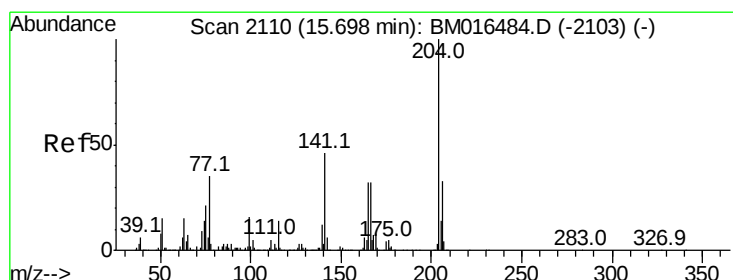
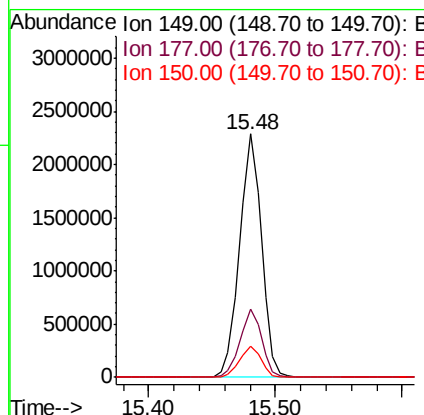
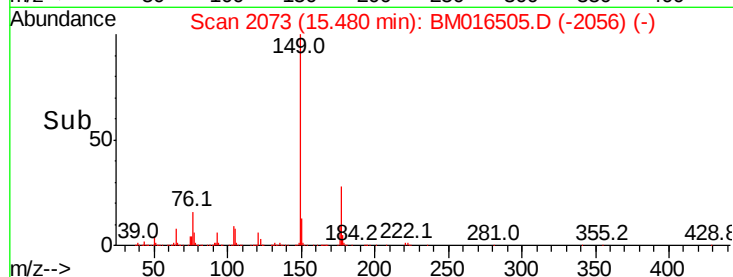
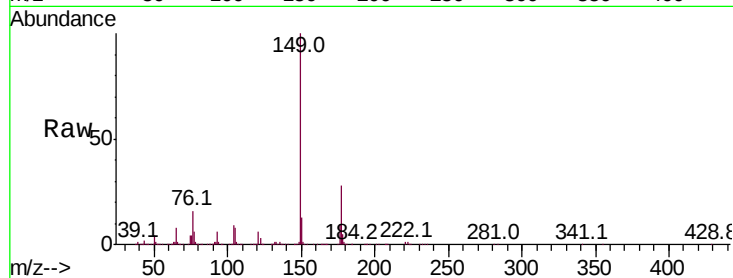
#59
Diethylphthalate
Concen: 52.458 ng
RT: 15.48 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	28.0	18.3	27.5#
150	12.6	9.8	14.8

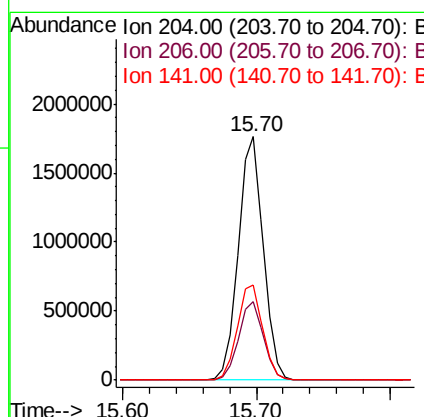
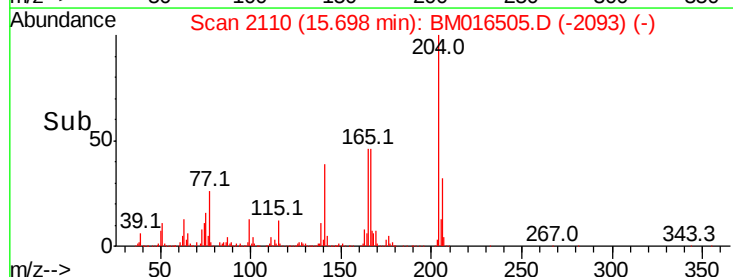
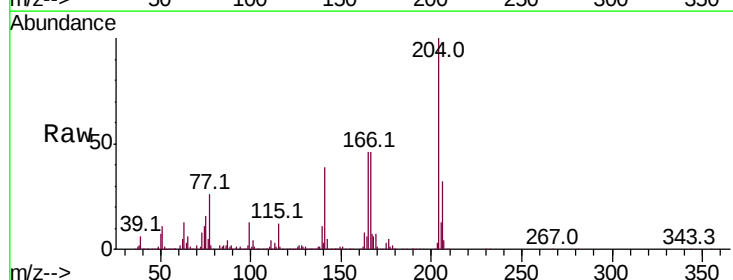
Manual Integrations
APPROVED

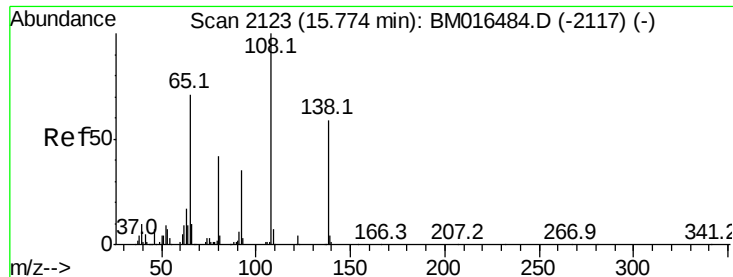
Sohil
8/22/2018 6:07:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 58.705 ng
RT: 15.70 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	39.2	45.2	67.8#





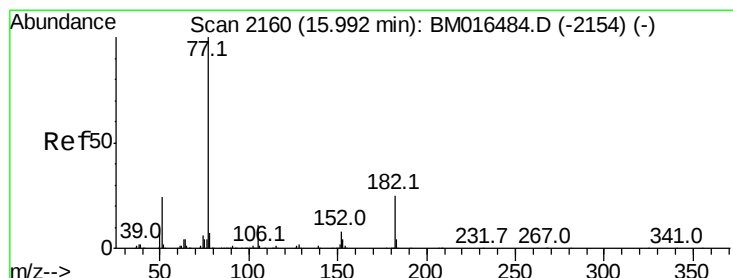
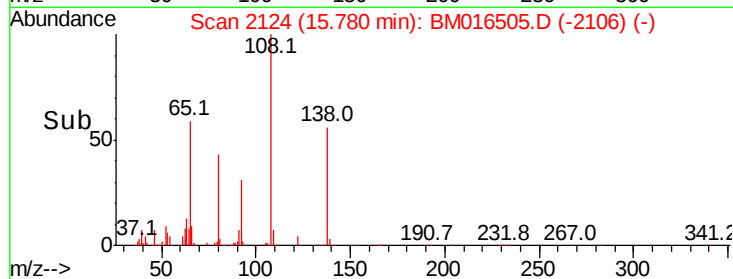
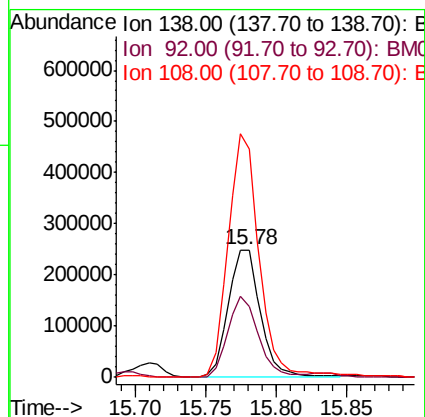
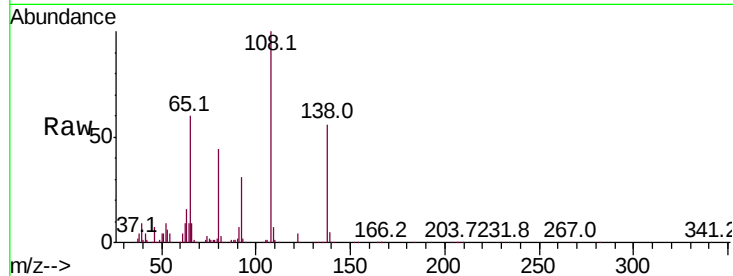
#61
4-Nitroaniline
Concen: 46.276 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.6	16.7	56.7
108	179.1	37.6	77.6#

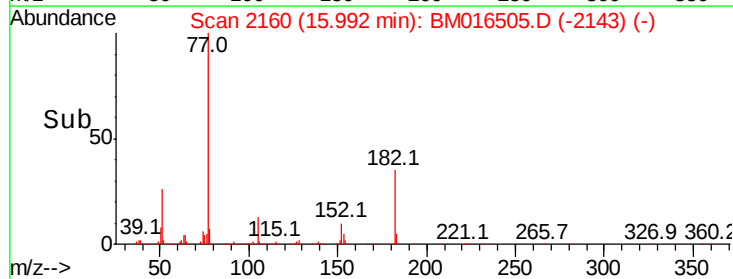
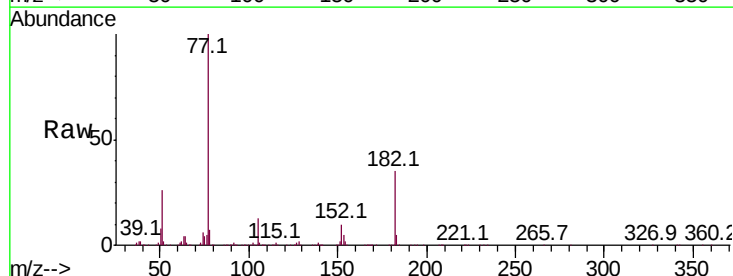
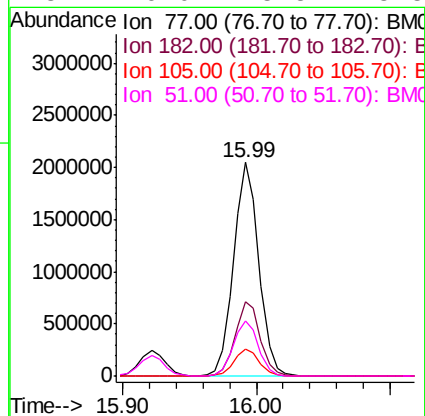
Manual Integrations
APPROVED

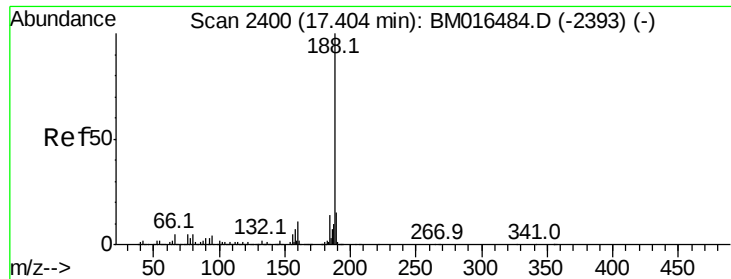
Sohil
8/22/2018 6:07:07 PM



#62
Azobenzene
Concen: 48.534 ng
RT: 15.99 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.9	6.5	46.5
105	12.8	3.8	43.8
51	26.0	5.5	45.5





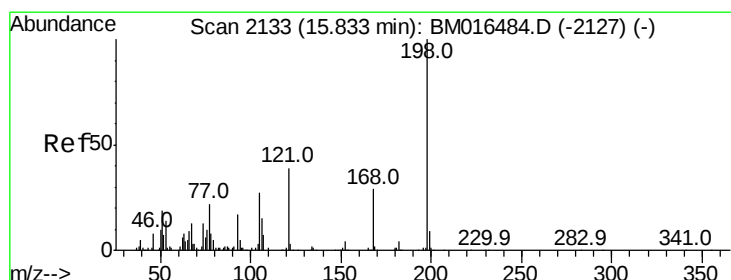
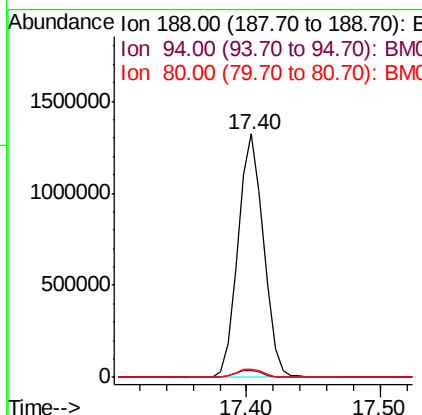
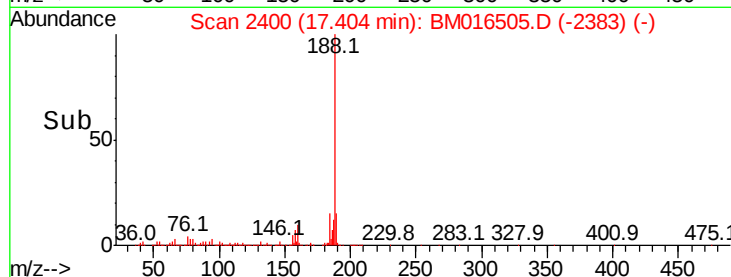
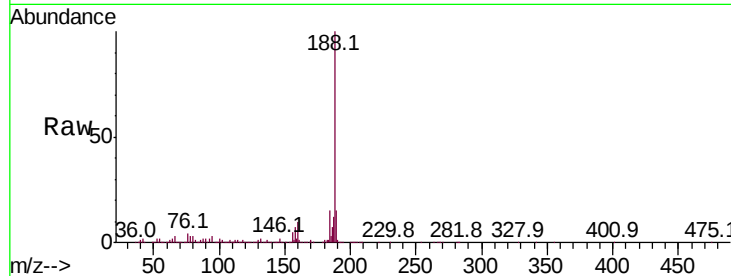
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	1751877		
94	2.8		8.7	13.1#
80	3.5		9.3	13.9#

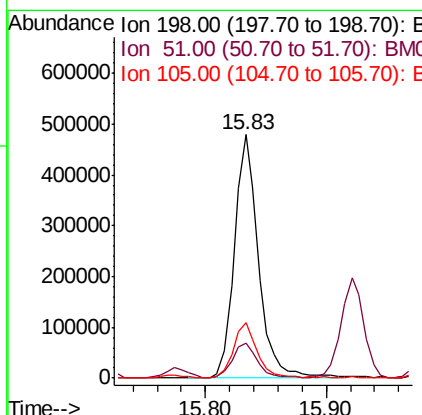
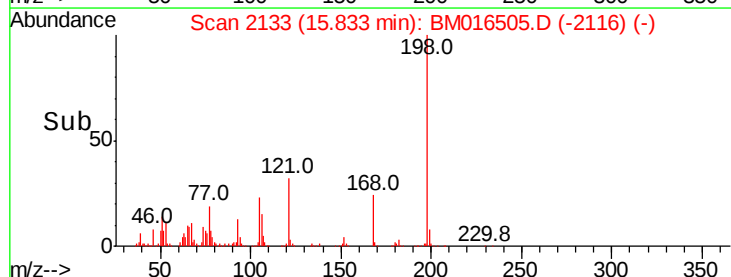
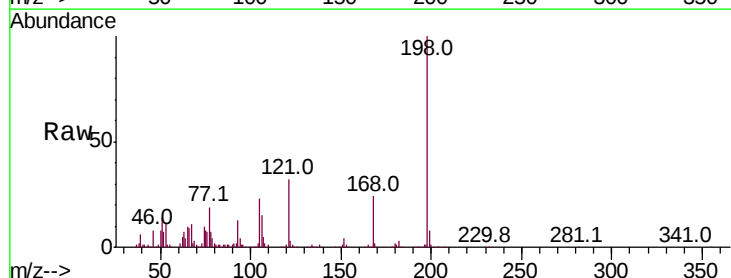
Manual Integrations
APPROVED

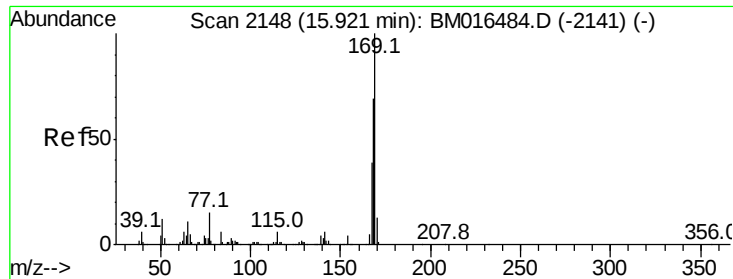
Sohil
8/22/2018 6:07:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 50.030 ng
RT: 15.83 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	665961		
51	14.4		28.8	68.8#
105	22.7		30.5	70.5#





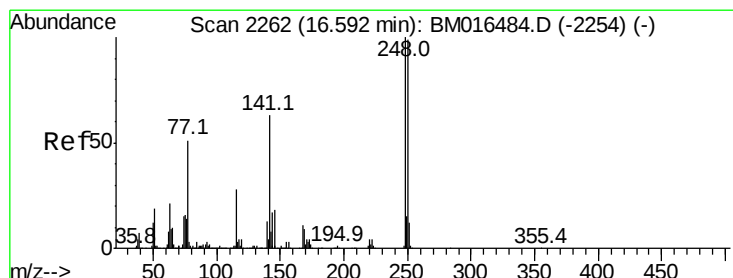
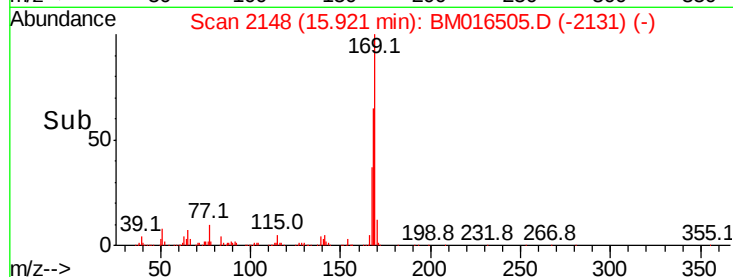
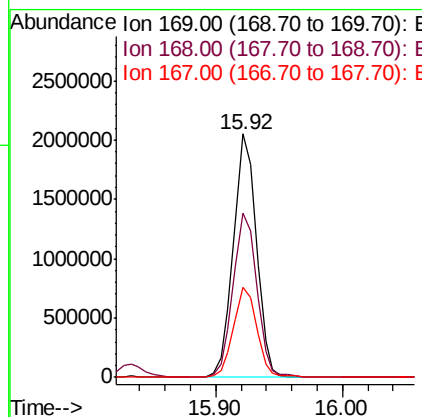
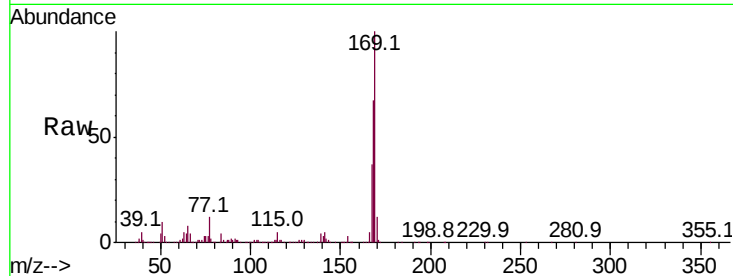
#65
n-Nitrosodiphenylamine
Concen: 52.245 ng
RT: 15.92 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampled :
PB112247BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.9	80.9
167	36.9	28.9	43.3

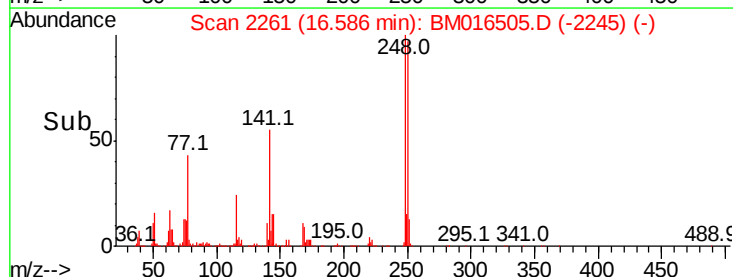
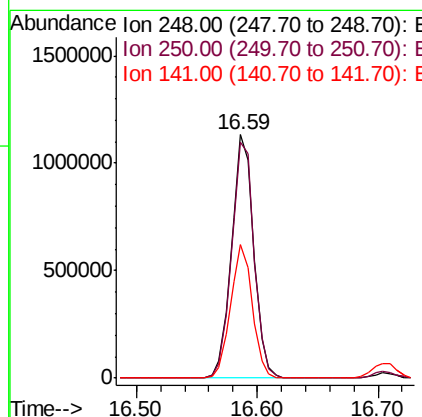
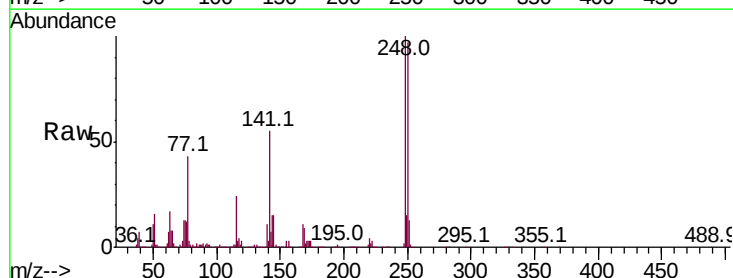
Manual Integrations
APPROVED

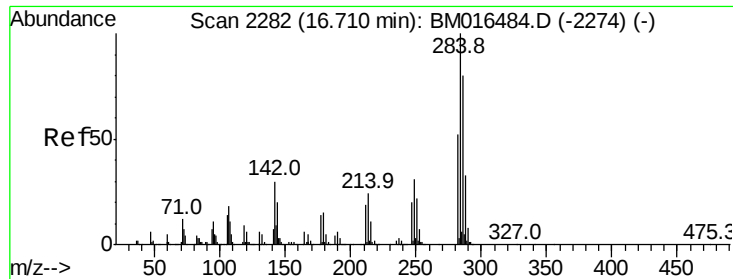
Sohil
8/22/2018 6:07:07 PM



#66
4-Bromophenyl-phenylether
Concen: 53.636 ng
RT: 16.59 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.0
141	55.0	45.2	67.8





#67

Hexachlorobenzene

Concen: 54.397 ng

RT: 16.71 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:284 Resp: 1707599

Ion Ratio Lower Upper

284 100

142 23.6 20.4 30.6

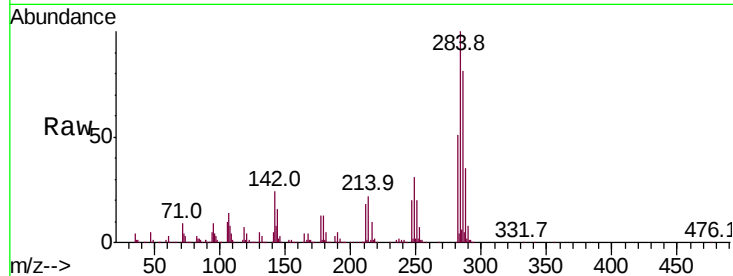
249 31.5 23.8 35.6

Manual Integrations

APPROVED

Sohil

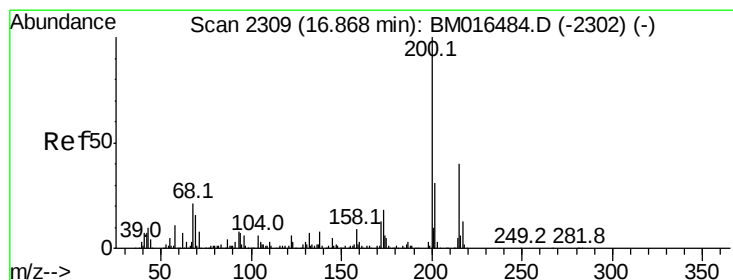
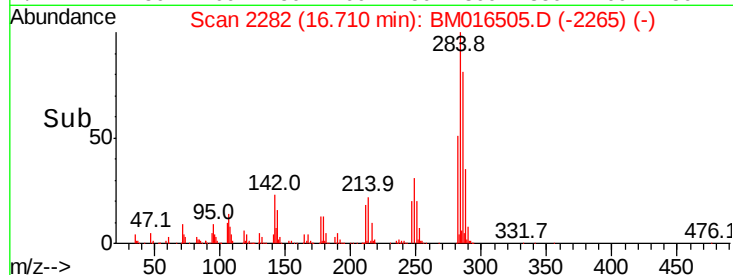
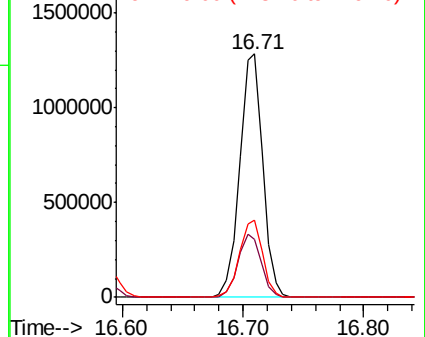
8/22/2018 6:07:07 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 67.062 ng

RT: 16.87 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

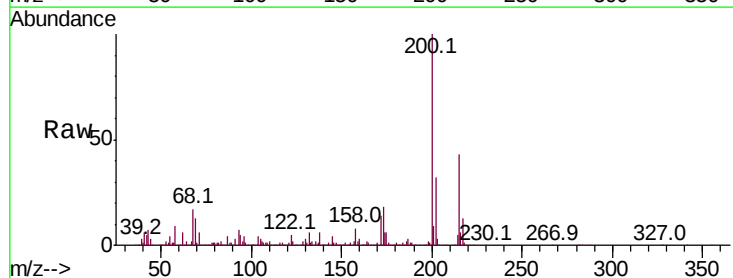
Tgt Ion:200 Resp: 1508348

Ion Ratio Lower Upper

200 100

173 17.6 4.8 44.8

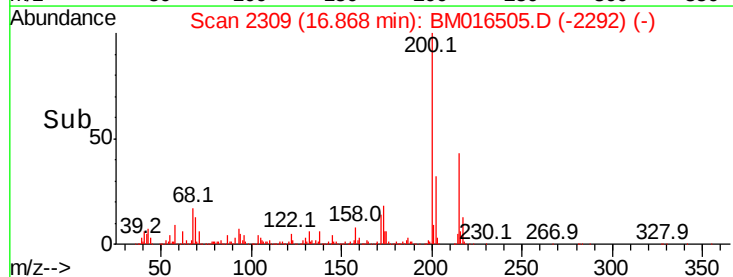
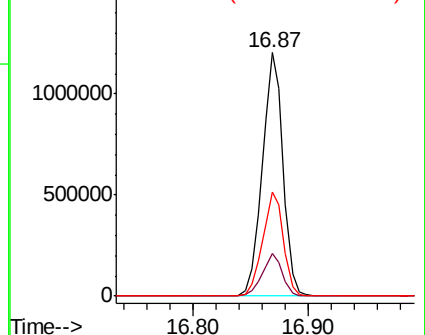
215 42.8 26.9 66.9

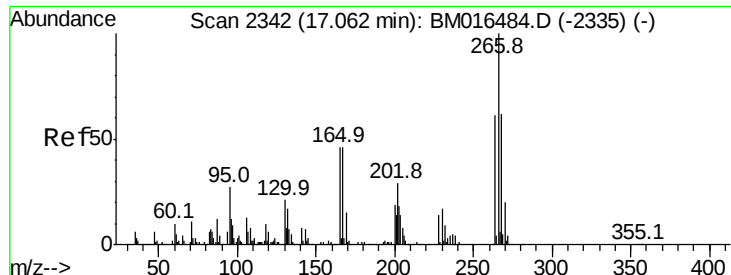


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





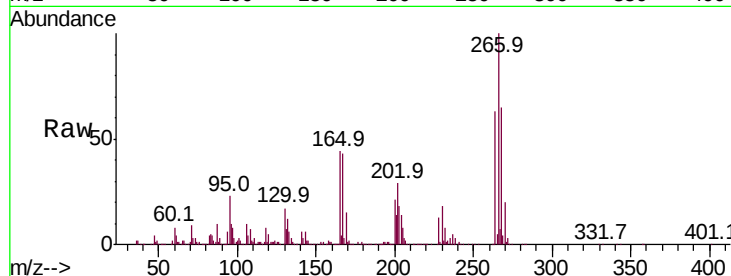
#69
 Pentachlorophenol
 Concen: 105.873 ng
 RT: 17.06 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.0	78.0
264	63.0	49.0	73.4

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:07 PM

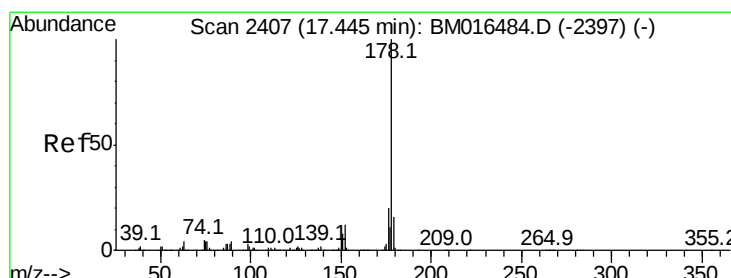
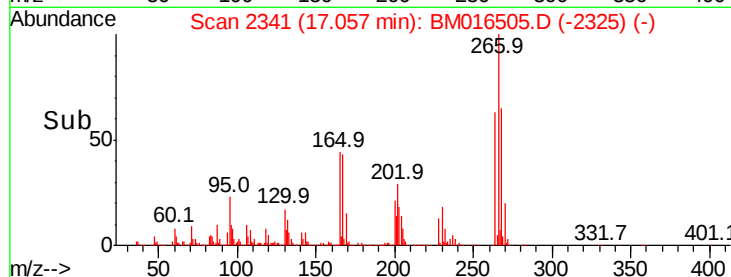
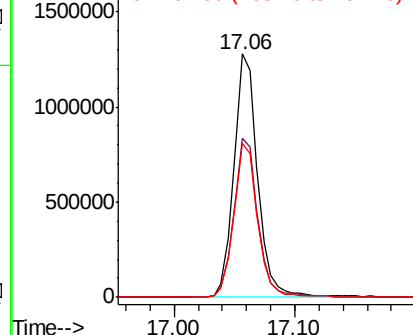


Abundance

Ion 265.70 (265.40 to 266.40): E

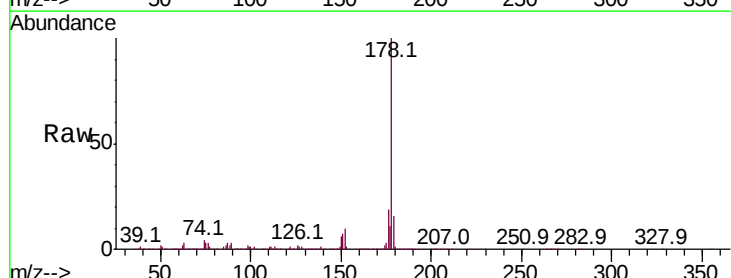
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 60.362 ng
 RT: 17.44 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.1	18.1

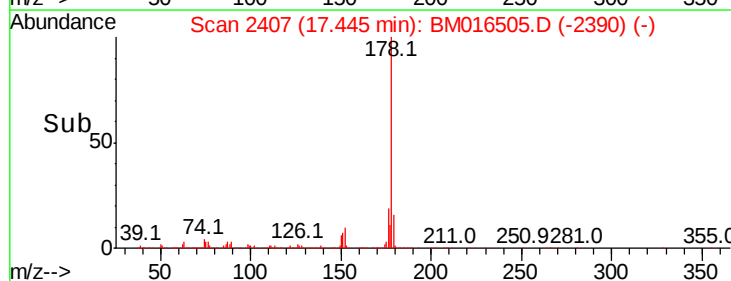
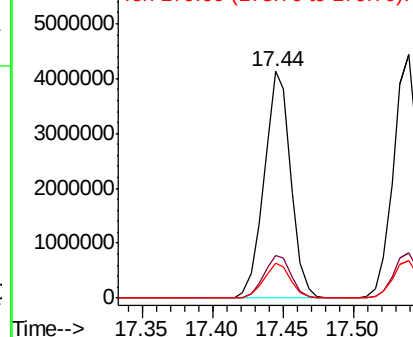


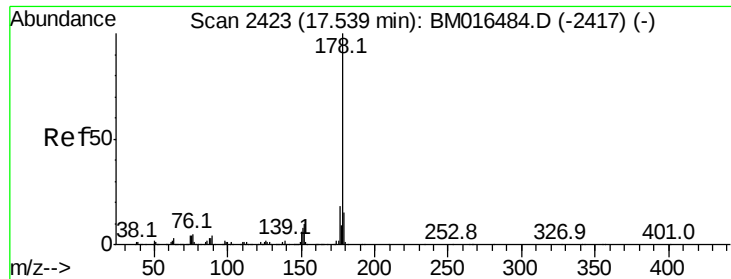
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





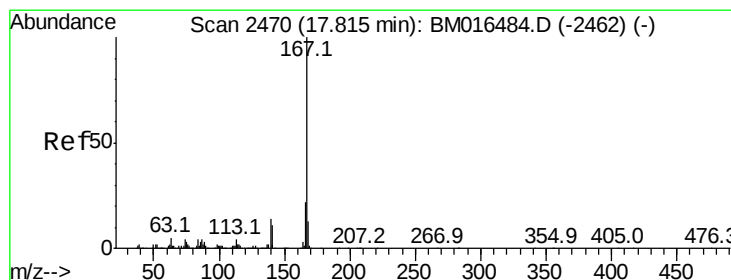
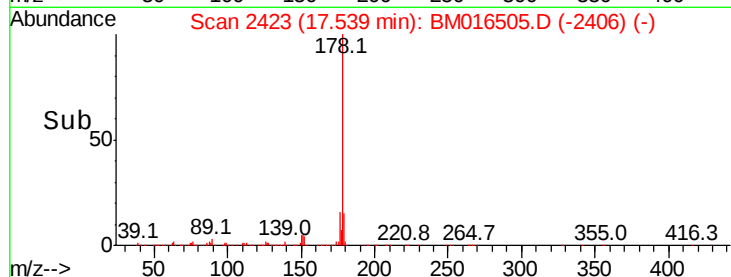
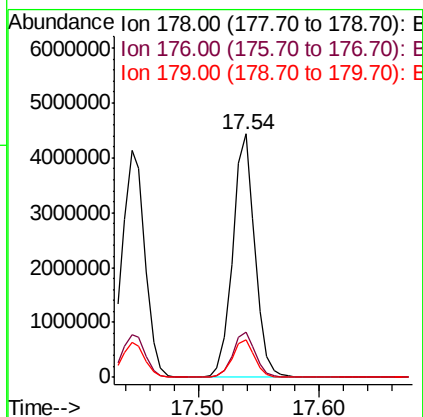
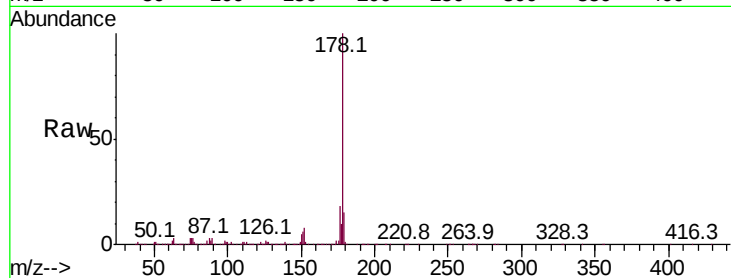
#71
 Anthracene
 Concen: 62.948 ng
 RT: 17.54 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.4	12.6	19.0

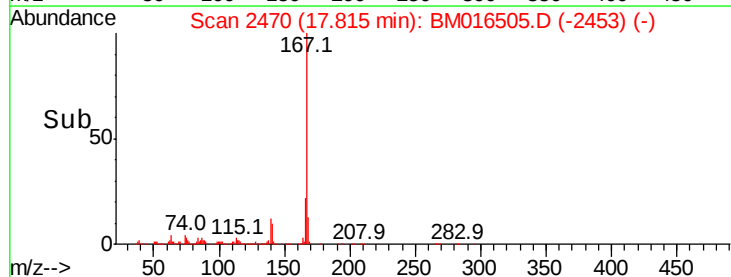
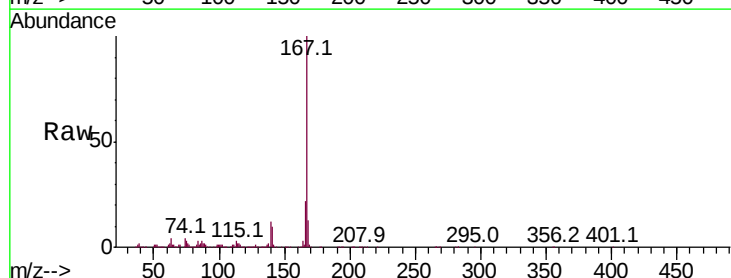
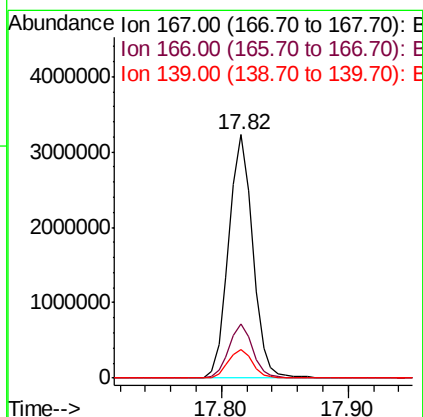
Manual Integrations
 APPROVED

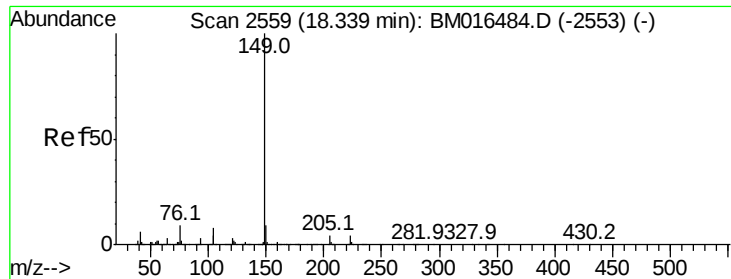
Sohil
 8/22/2018 6:07:07 PM



#72
 Carbazole
 Concen: 52.588 ng
 RT: 17.82 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	11.6	10.8	16.2





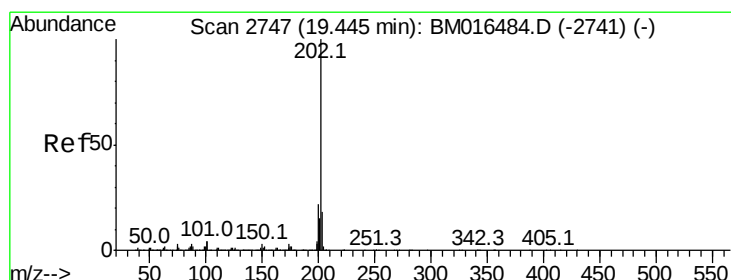
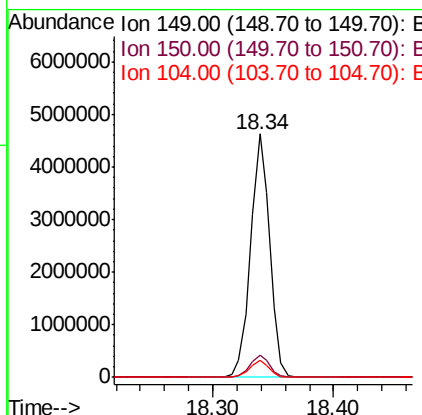
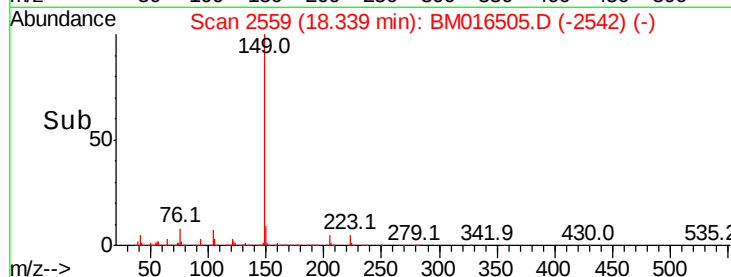
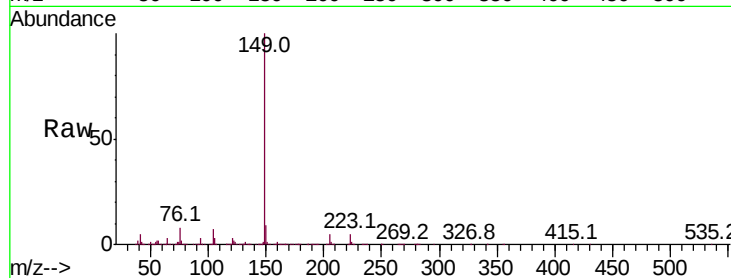
#73
Di-n-butylphthalate
Concen: 51.922 ng
RT: 18.34 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion:149 Resp: 5114898
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 7.0 3.7 5.5#

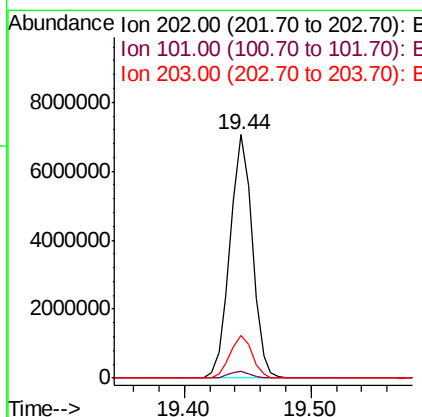
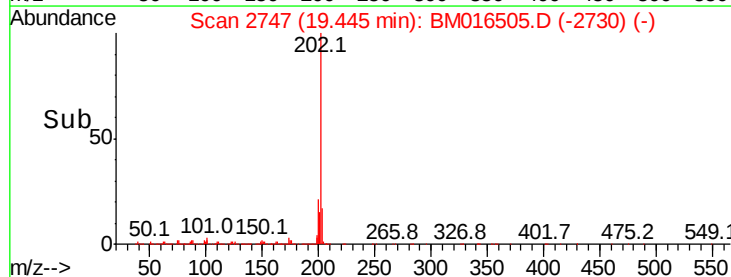
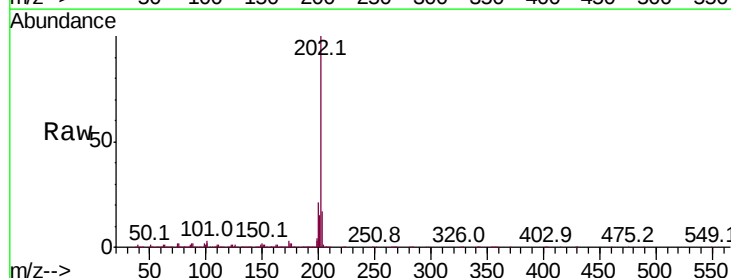
Manual Integrations
APPROVED

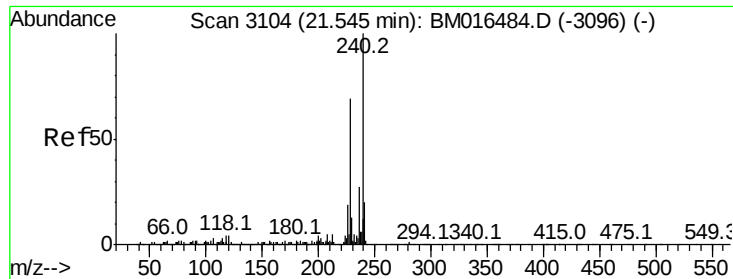
Sohil
8/22/2018 6:07:07 PM



#74
Fluoranthene
Concen: 64.489 ng
RT: 19.44 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion:202 Resp: 8561632
Ion Ratio Lower Upper
202 100
101 2.5 0.0 28.7
203 17.4 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:240 Resp: 2931670

Ion Ratio Lower Upper

240 100

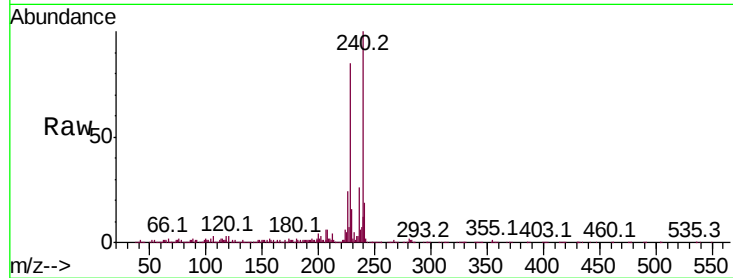
120 3.3 8.2 12.2#

236 25.9 20.0 30.0

Manual Integrations
APPROVED

Sohil

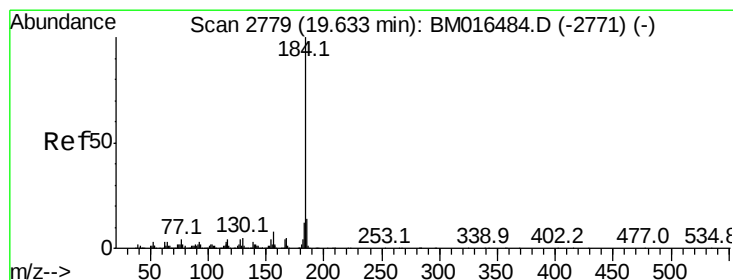
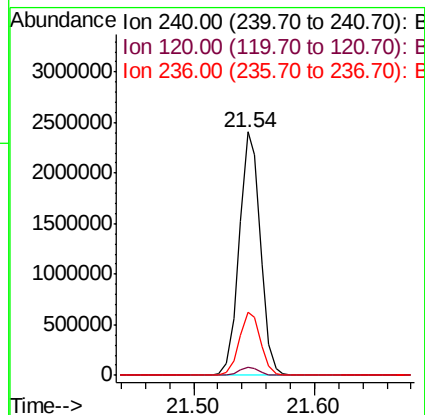
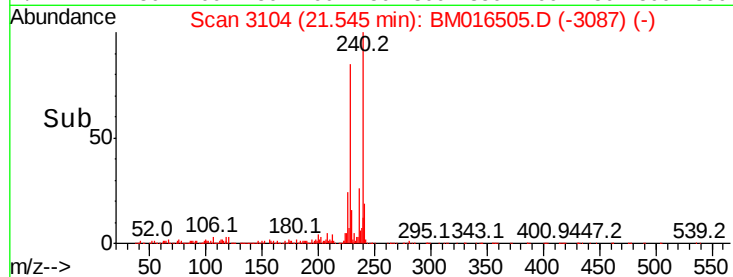
8/22/2018 6:07:07 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 86.689 ng

RT: 19.64 min Scan# 2780

Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

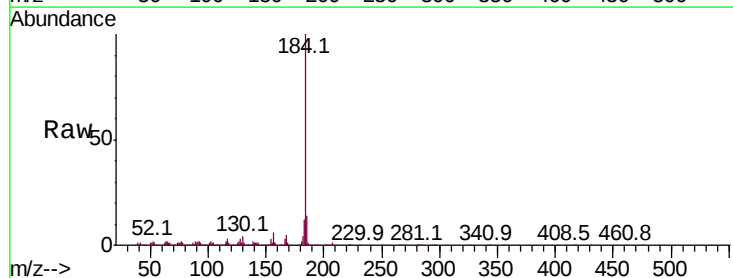
Tgt Ion:184 Resp: 4887438

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

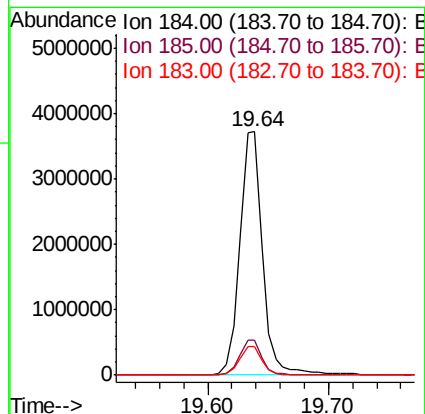
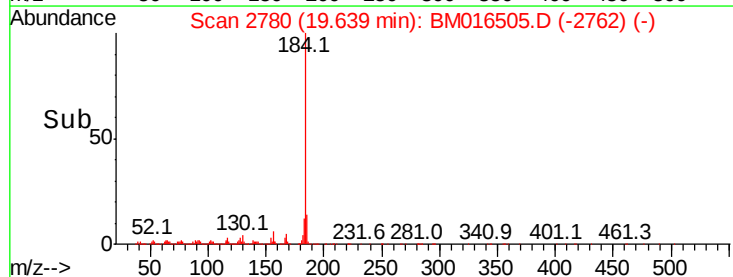
183 11.6 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 55.286 ng

RT: 19.80 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

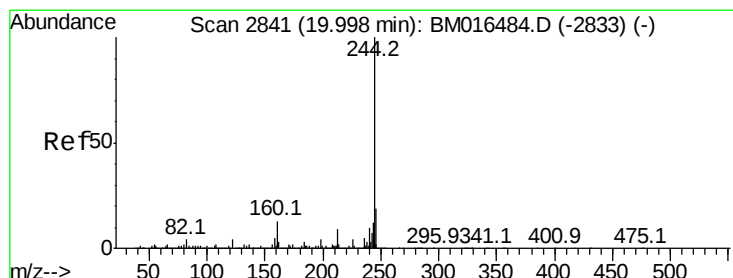
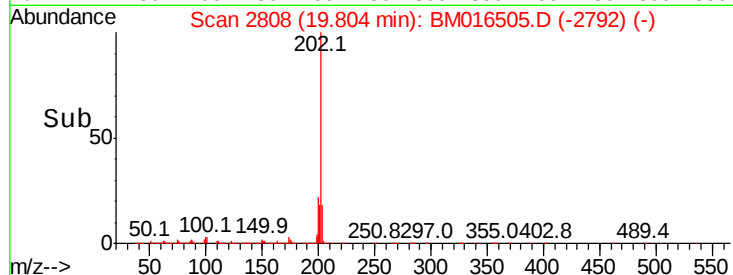
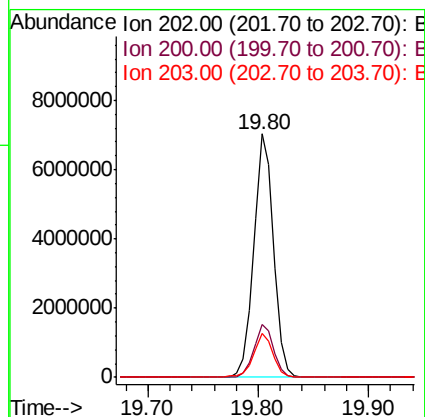
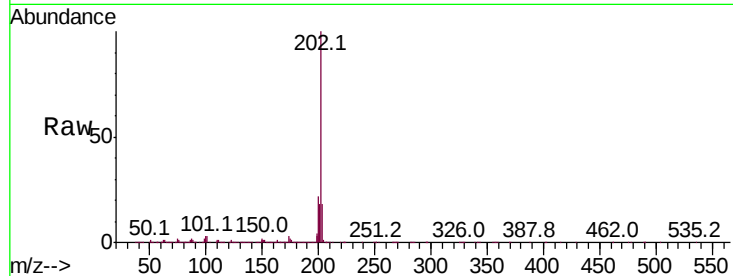
ClientSampleId :

PB112247BS

Tot Ion:	202	Resp:	8808407
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.9	14.1	21.1

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#78

Terphenyl-d14

Concen: 55.286 ng

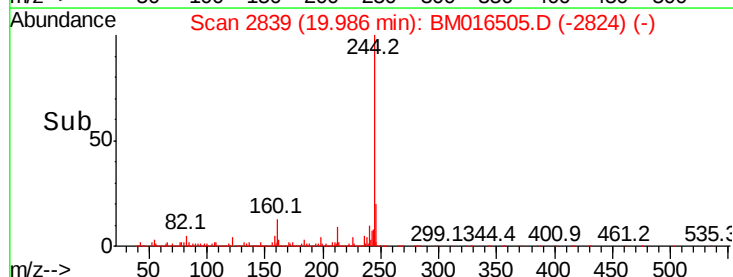
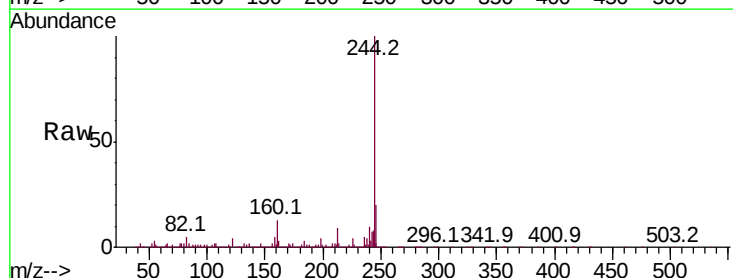
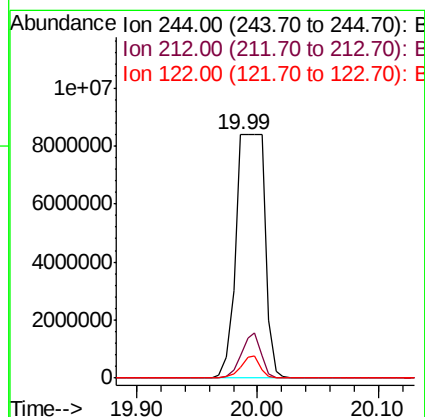
RT: 19.99 min Scan# 2839

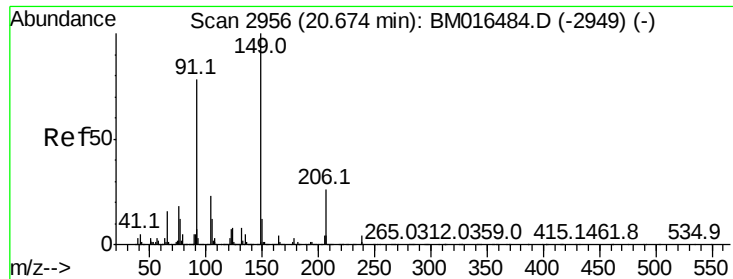
Delta R.T. -0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion:	244	Resp:	14035756
Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	4.5	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 50.748 ng

RT: 20.67 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :

BNA_M

ClientSampleId :

PB112247BS

Tot Ion:149 Resp: 2790891

Ion Ratio Lower Upper

149 100

91 67.1 50.1 75.1

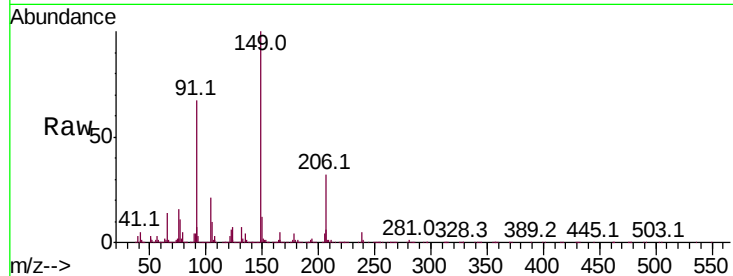
206 31.6 16.2 24.2#

Manual Integrations

APPROVED

Sohil

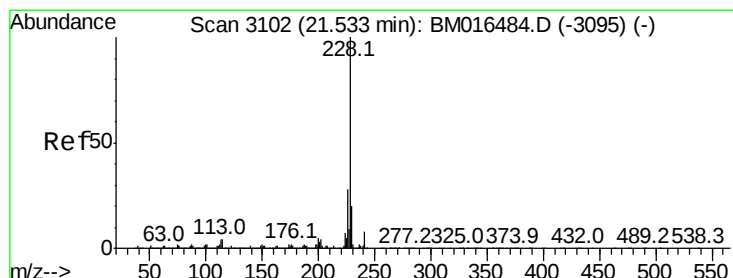
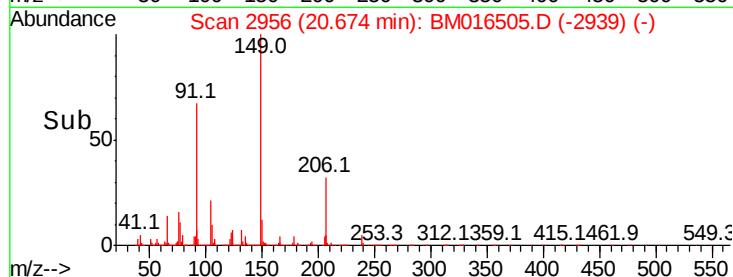
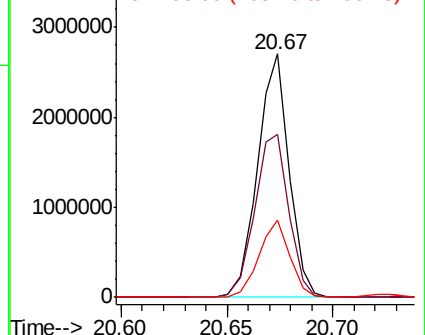
8/22/2018 6:07:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 57.822 ng

RT: 21.53 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

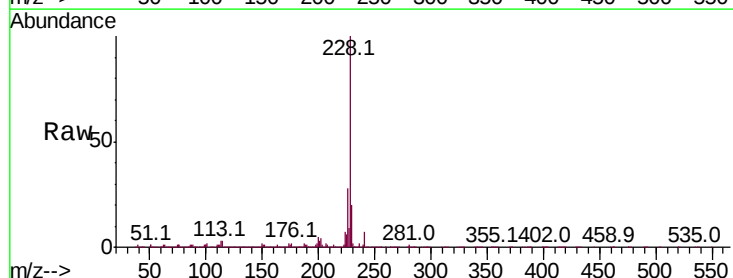
Tgt Ion:228 Resp: 9966057

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

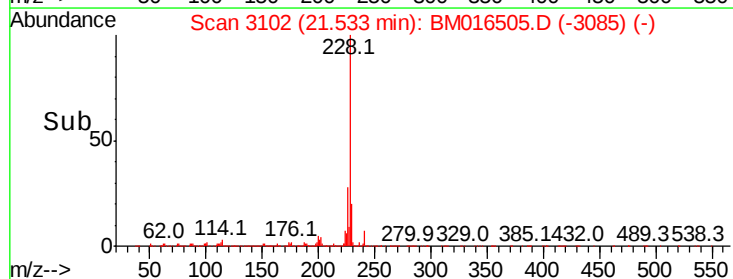
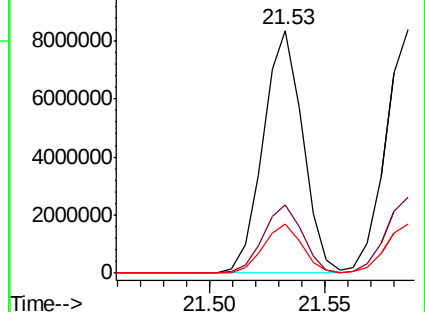
229 20.2 16.0 24.0

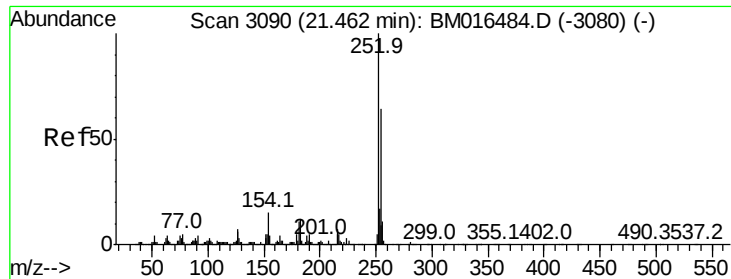


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





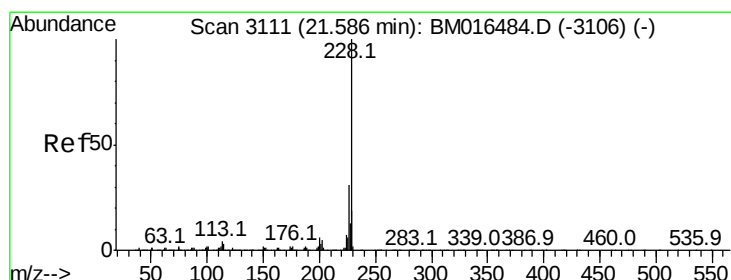
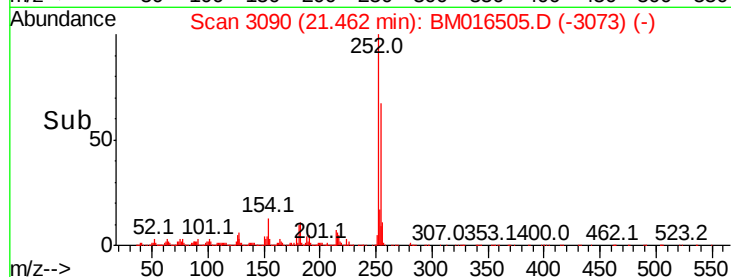
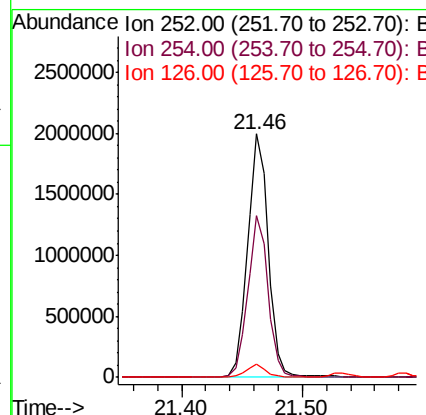
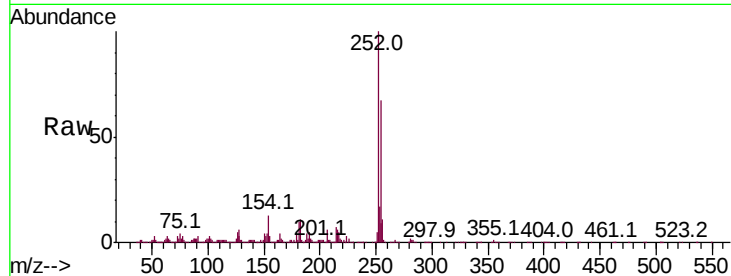
#81
 3,3'-Dichlorobenzidine
 Concen: 31.112 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampled :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.9	77.9
126	5.3	9.8	14.8

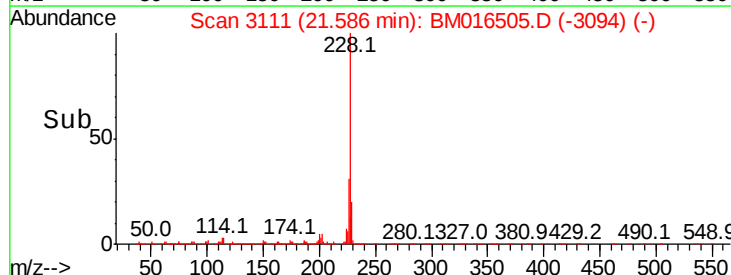
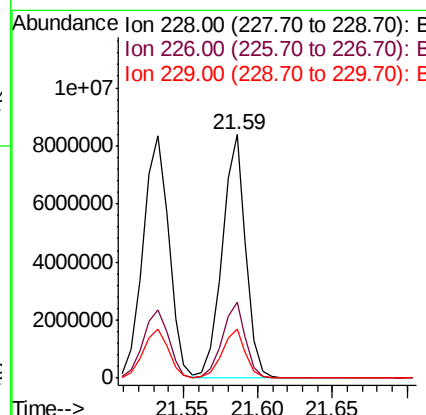
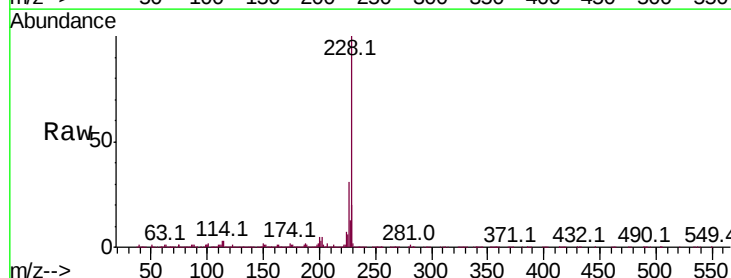
Manual Integrations
 APPROVED

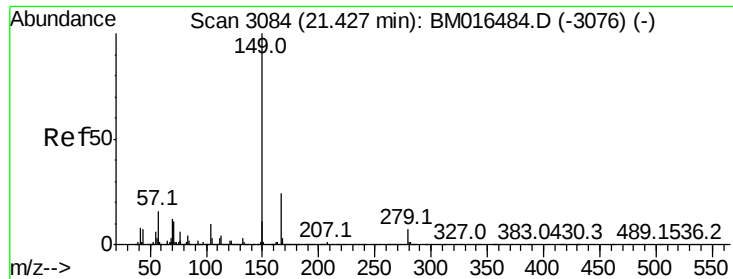
Sohil
 8/22/2018 6:07:07 PM



#82
 Chrysene
 Concen: 56.144 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.0	15.5	23.3





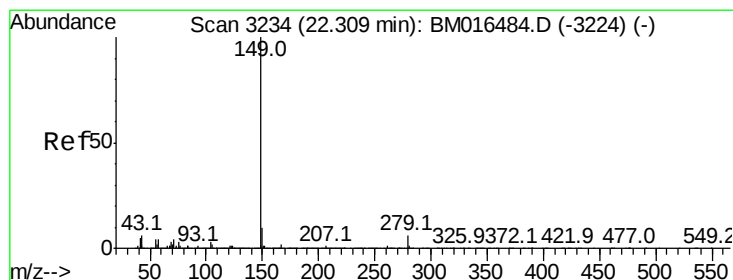
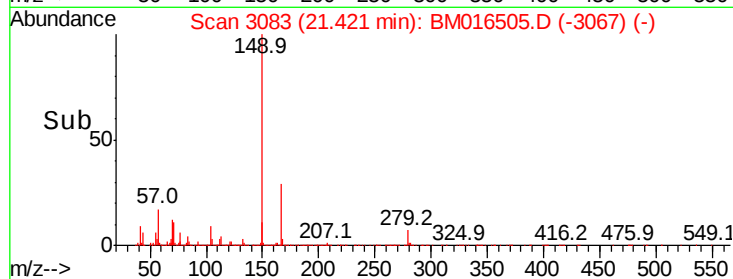
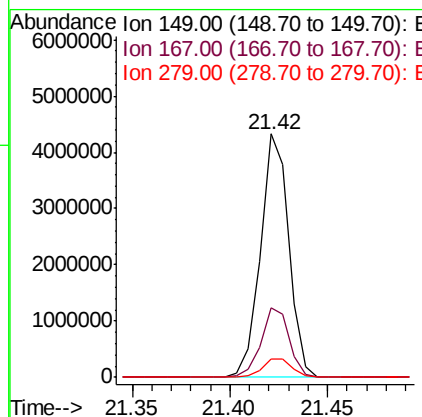
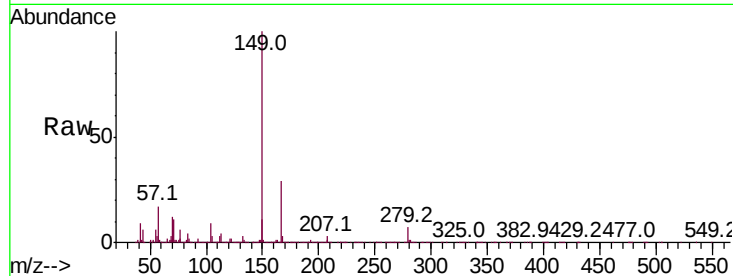
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.995 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion:149 Resp: 4332639
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.4 33.6
 279 7.4 3.4 5.0#

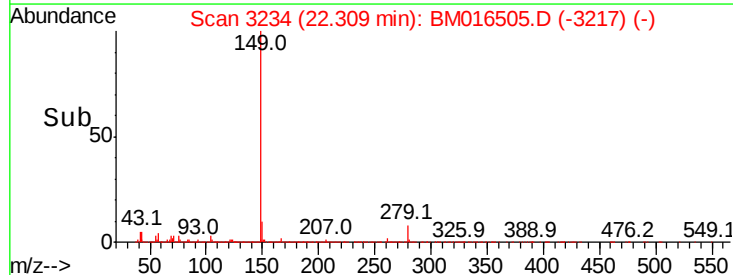
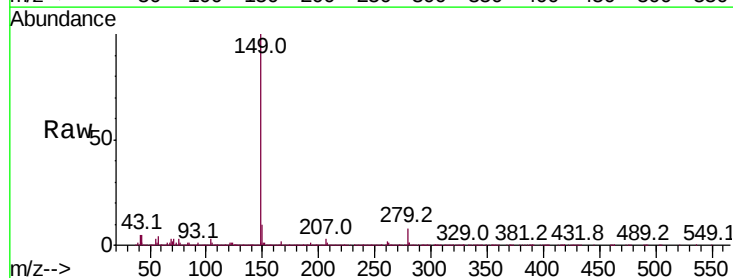
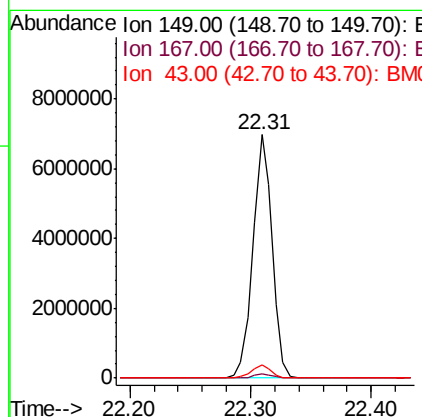
Manual Integrations
 APPROVED

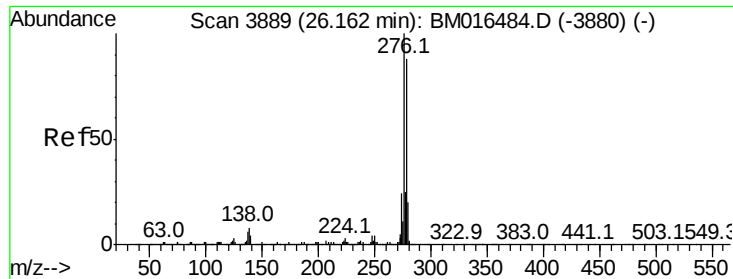
Sohil
 8/22/2018 6:07:07 PM



#84
 Di-n-octyl phthalate
 Concen: 56.879 ng
 RT: 22.31 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion:149 Resp: 7727839
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 5.5 7.3 10.9#





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.690 ng
 RT: 26.17 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

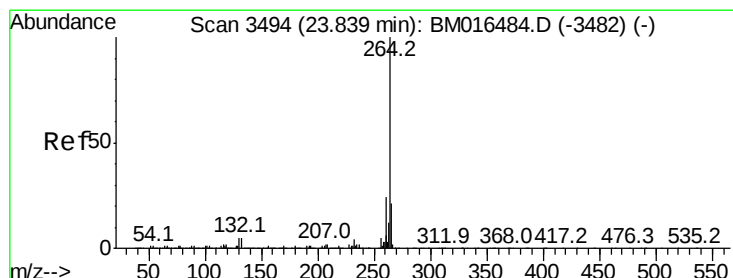
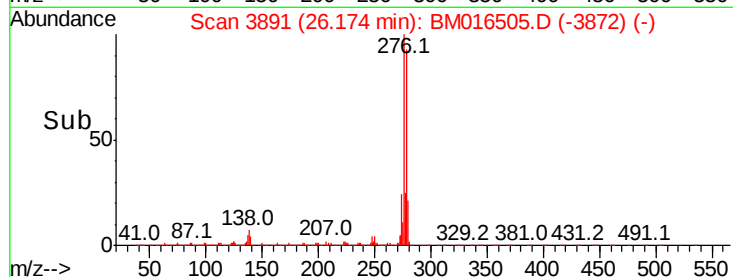
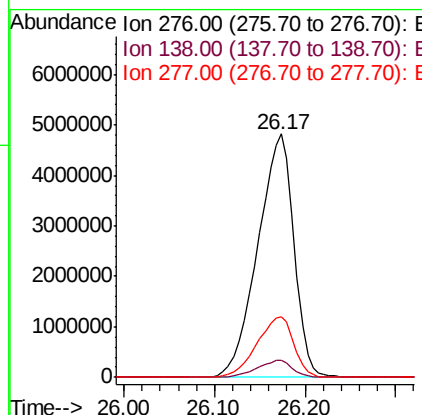
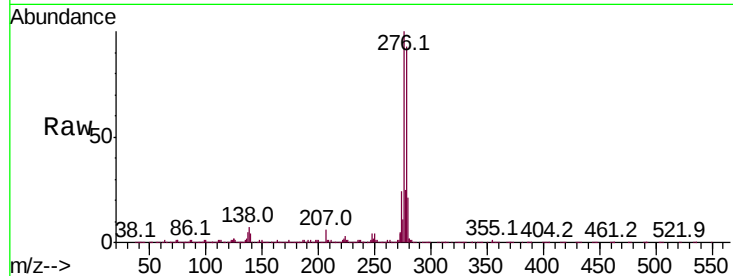
Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion:276 Resp:13407162

Ion	Ratio	Lower	Upper
276	100		
138	6.8	12.0	18.0#
277	25.4	20.0	30.0

Manual Integrations
 APPROVED

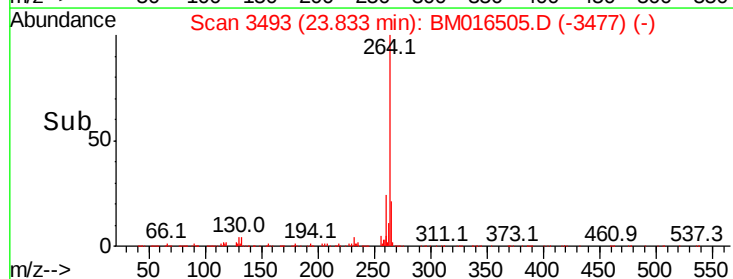
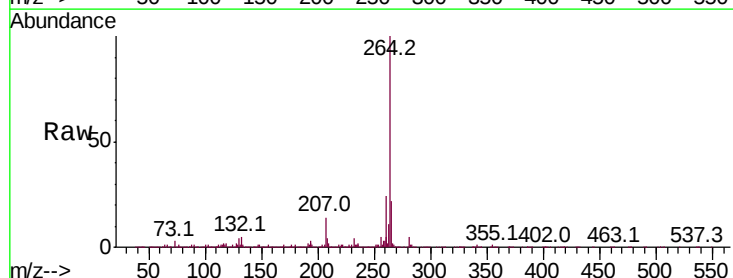
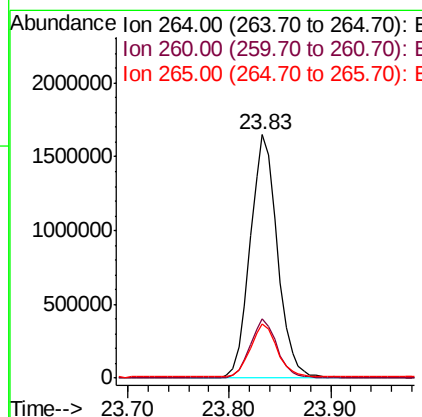
Sohil
 8/22/2018 6:07:07 PM

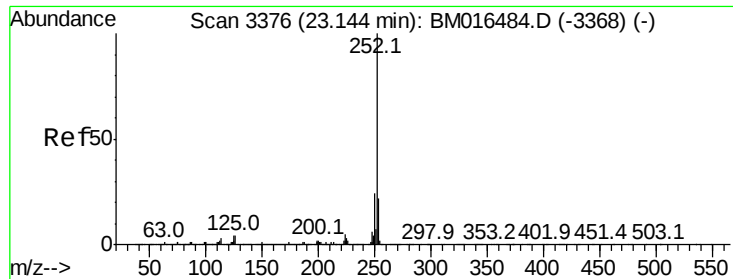


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Tgt Ion:264 Resp: 3077320

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 62.508 ng

RT: 23.15 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Instrument :
BNA_M

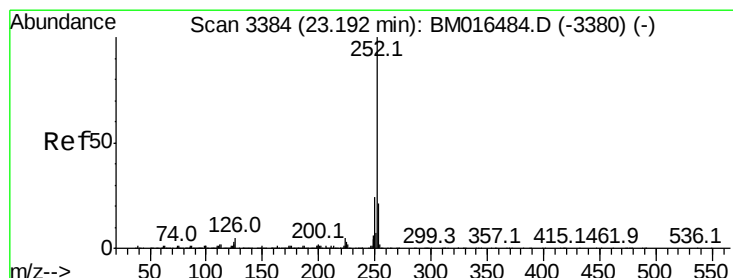
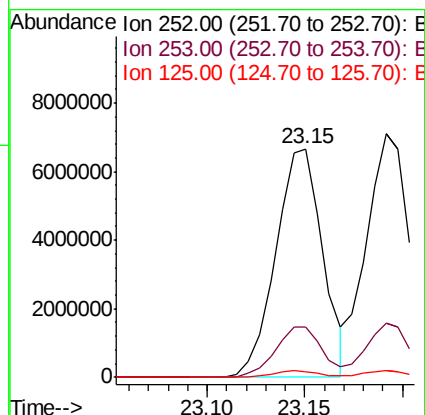
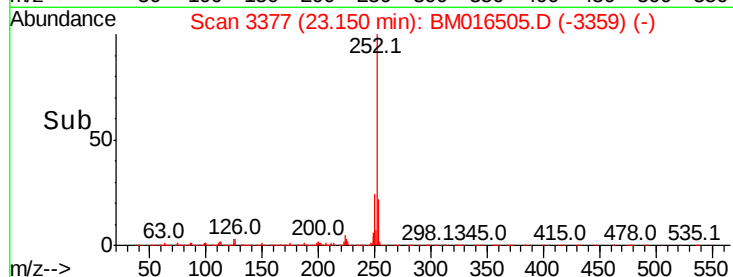
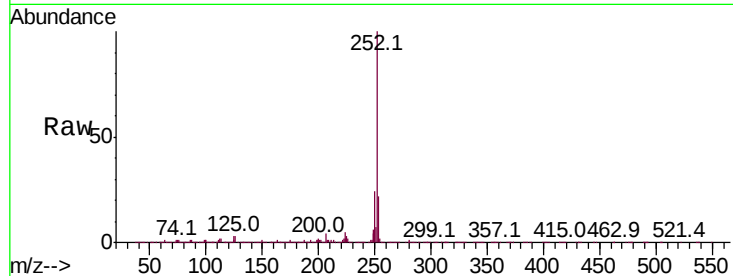
ClientSampleId :
PB112247BS

Tot Ion:252 Resp:11088460

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	2.5	9.9	14.9

Manual Integrations
APPROVED

Sohil
8/22/2018 6:07:07 PM



#88

Benzo(k)fluoranthene

Concen: 60.203 ng

RT: 23.19 min Scan# 3384

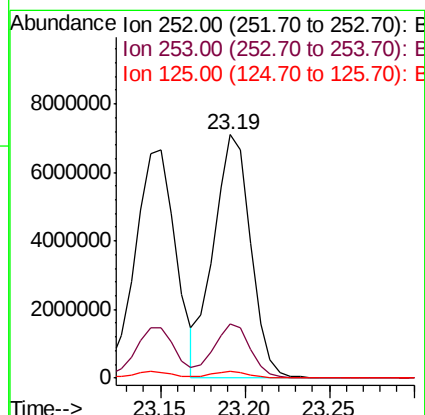
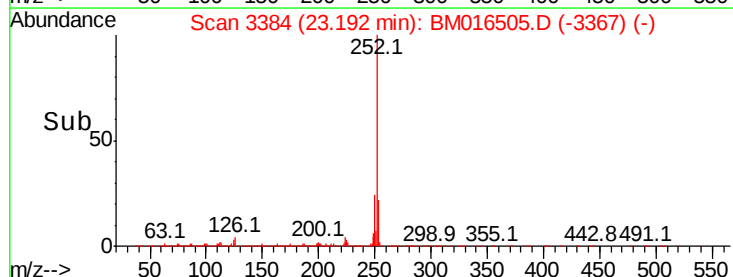
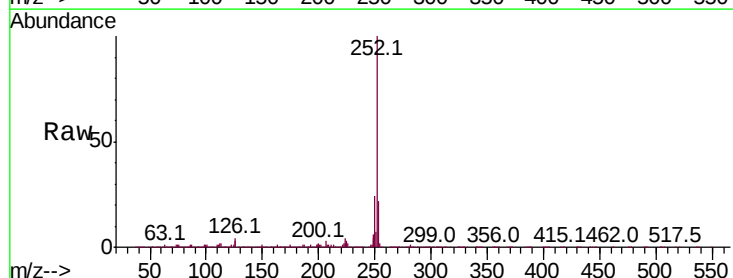
Delta R.T. 0.00 min

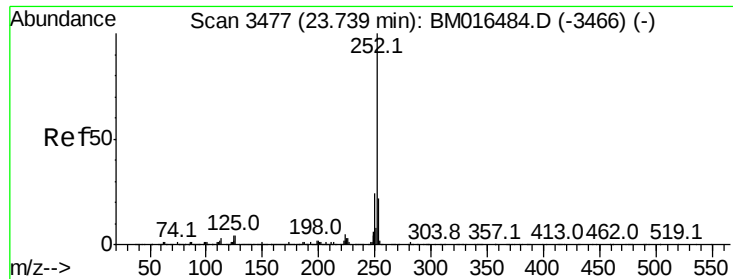
Lab File: BM016505.D

Acq: 22 Aug 2018 04:07

Tgt Ion:252 Resp:10866260

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	2.8	8.1	12.1





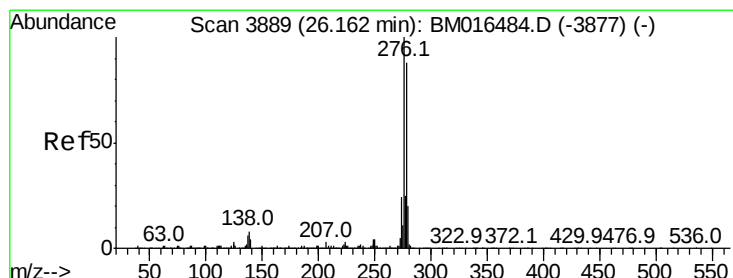
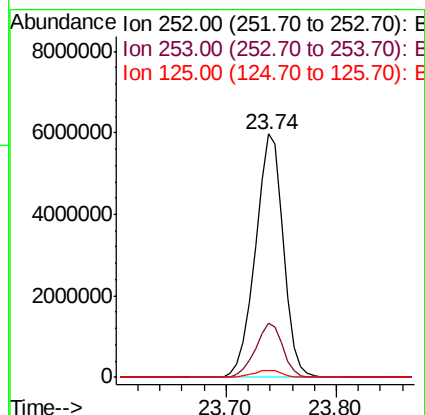
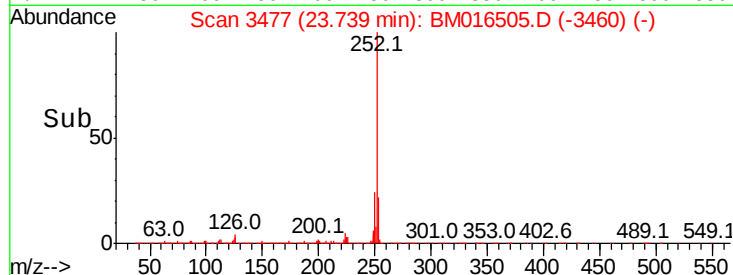
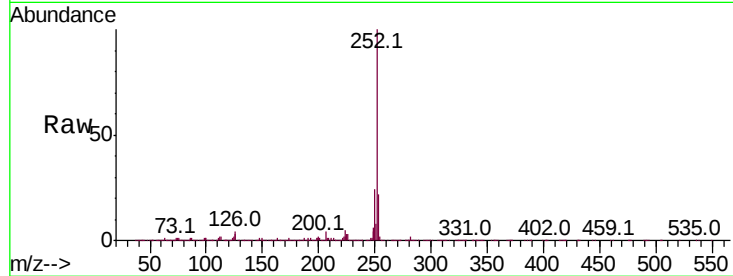
#89
Benzo(a)pyrene
Concen: 61.202 ng
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Instrument :
BNA_M
ClientSampleId :
PB112247BS

Tot Ion:252 Resp:10563823
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 3.0 7.4 11.2#

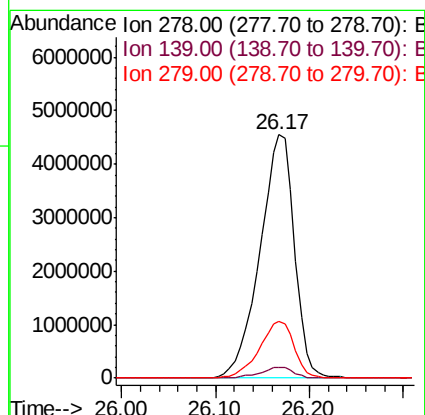
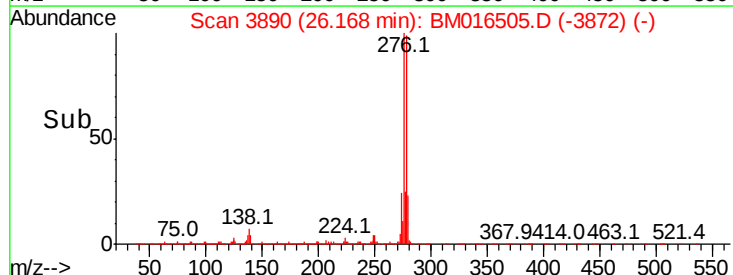
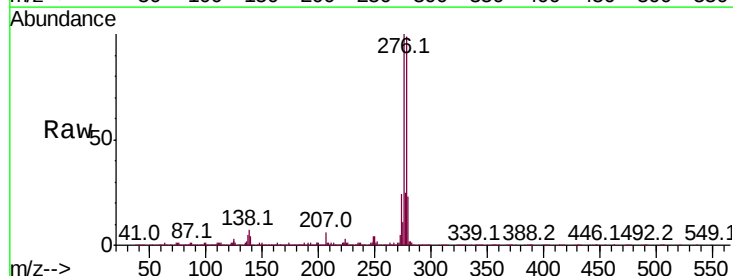
Manual Integrations
APPROVED

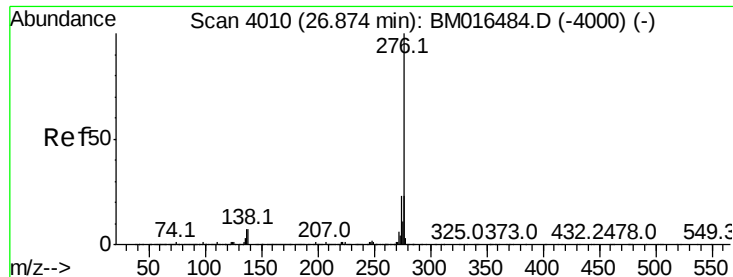
Sohil
8/22/2018 6:07:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.658 ng
RT: 26.17 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM016505.D
Acq: 22 Aug 2018 04:07

Tgt Ion:278 Resp:11540256
Ion Ratio Lower Upper
278 100
139 4.4 13.4 20.0#
279 23.4 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 56.075 ng
 RT: 26.89 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: BM016505.D
 Acq: 22 Aug 2018 04:07

Instrument :
 BNA_M
 ClientSampleId :
 PB112247BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	5.8	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:07 PM

